

Converting Colors

$Yxy(165.2818, 0.2975, 0.4267)$

Have a look what the booklet for
Yxy(165.2818, 0.2975, 0.4267)
contains.

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Color

Yxy(91.6901, 0.2962, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFEE
RGB	212, 255, 238
RGB Percent	83%, 100%, 93%
CMY	0.1687, 0.0000, 0.0667
CMYK	0.17, 0.00, 0.07, 0.00
HSL	156°, 100%, 92%
HSV	156°, 17%, 100%
XYZ	78.3346, 91.6901, 94.4405
YIQ	240.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

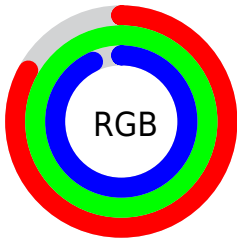
Format	Color
R_{YB}	212, 239, 255
Decimal	13959150
CIE Lab	96.69, -16.96, 3.56
CIE LCh	97, 17.332, 168.132
Yxy	91.6901, 0.2962, 0.3467
Android (android.graphics.Color)	4292149230 (0xFFD4FFEE)
YUV	240.2050, -1.0871, -24.7358
Hunter-Lab	95.7549, -21.5450, 8.5523

Details

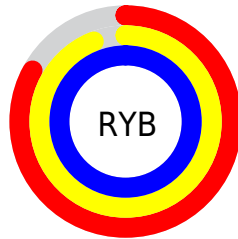
The Yxy color **91.6901, 0.2962, 0.3467** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9890, 0.3328, 0.3120**, and the grayscale version is **87.3170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9337, 0.2927, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **87.6136, 0.2870, 0.3587**, and if you desaturate by 10%, it is **96.3871, 0.3059, 0.3358**.

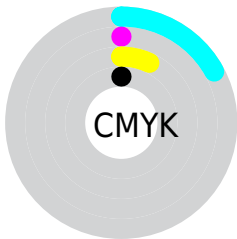
Distribution



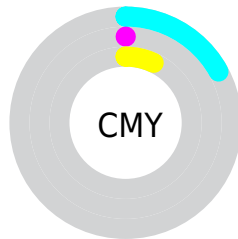
- Red (83%)
- Green (100%)
- Blue (93%)



- Red (83%)
- Yellow (94%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6901, 0.2962, 0.3467 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.6901, 0.2962, 0.3467 by changing the saturation by 10% instead.


 91.6901, 0.2962,
0.3467

 91.6901, 0.2962,
0.3467


533.5135, 0.3036,
0.3387

 69.3833, 0.2946,
0.3485


149.6838, 0.2987,
0.3440

 51.0239, 0.2926,
0.3506

186.1395, 0.2997,
0.3429

 36.2276, 0.2901,
0.3533


228.0802, 0.3006,
0.3420

 24.6100, 0.2870,
0.3568

275.8903, 0.3013,
0.3412

 15.7868, 0.2828,
0.3614

329.9544, 0.3020,
0.3405

 9.3734, 0.2770,
0.3678

390.6566, 0.3026,

 4.9855, 0.2684,

0.3398

0.3775

458.3815, 0.3031,
0.3393

■ 2.2388, 0.2545,
0.3934

■ 0.7410, 0.1827,
0.4664

■ 91.6901, 0.2962,
0.3467

■ 91.6901, 0.2962,
0.3467

■ 87.6136, 0.2870,
0.3587

■ 96.3871, 0.3059,
0.3358

■ 84.1458, 0.2787,
0.3718

100.0000, 0.3127,
0.3290

■ 81.2502, 0.2715,
0.3858

■ 78.8933, 0.2658,
0.4007

■ 77.0378, 0.2619,
0.4161

■ 75.6415, 0.2599,
0.4317

■ 74.6549, 0.2601,
0.4472

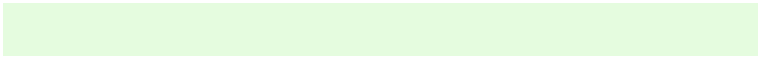
■ 74.0154, 0.2622,
0.4624

■ 73.8574, 0.2631,
0.4670

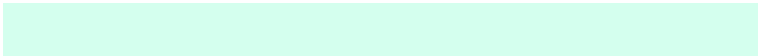
Harmonies

Analogous

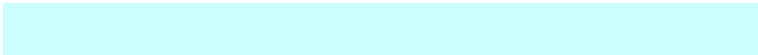
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6901, 0.3151, 0.3594



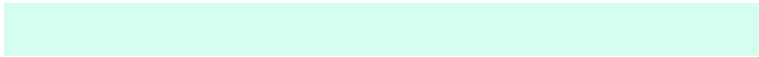
91.6901, 0.2962, 0.3467



91.6901, 0.2820, 0.3290

Triad

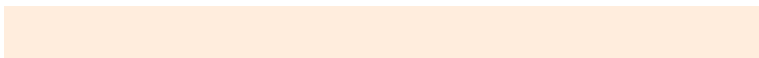
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6901, 0.2962, 0.3467



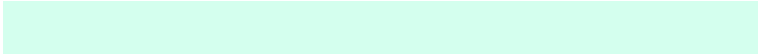
91.6901, 0.2913, 0.2965



91.6901, 0.3510, 0.3441

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



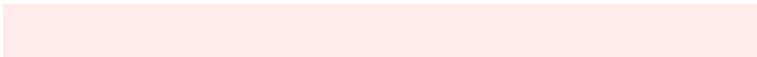
91.6901, 0.2962, 0.3467



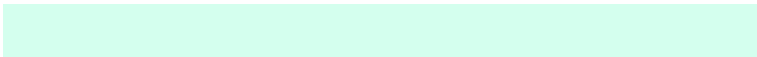
73.9890, 0.3328, 0.3120

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6901, 0.3443, 0.3277



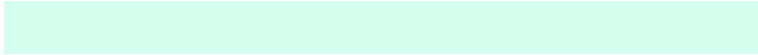
91.6901, 0.2962, 0.3467



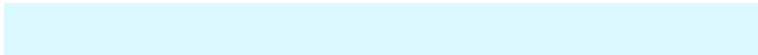
91.6901, 0.3094, 0.3009

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.6901, 0.2962, 0.3467



91.6901, 0.2792, 0.3004



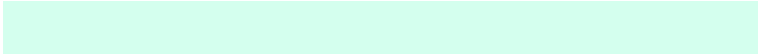
91.6901, 0.3289, 0.3122



91.6901, 0.3471, 0.3572

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



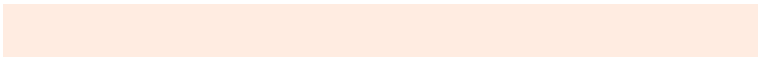
91.6901, 0.2962, 0.3467



91.6901, 0.2769, 0.3173



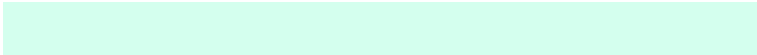
91.6901, 0.3289, 0.3122



91.6901, 0.3499, 0.3388

Sweetspot

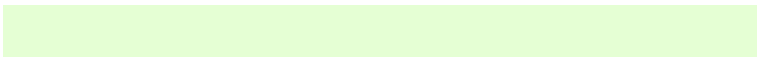
The Sweet Spot groups the original color and five complimentary colors.



91.6845, 0.2962, 0.3467



97.3409, 0.3077, 0.3339



92.9600, 0.3214, 0.3734



20.7578, 0.3070, 0.3346



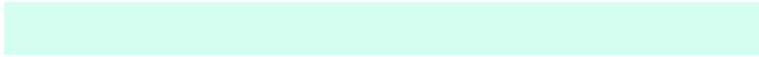
0.0000, 0.0000, 0.0000



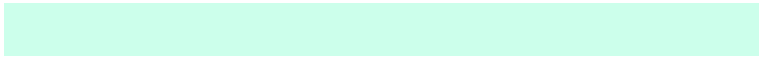
21.4041, 0.3127, 0.3290

Same Dimension

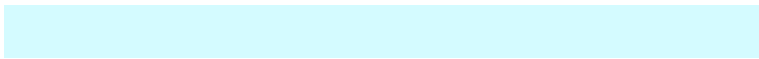
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6845, 0.2962, 0.3467



90.3455, 0.2933, 0.3503



90.0180, 0.2869, 0.3245



20.3526, 0.3033, 0.3386



38.6223, 0.2624, 0.4645



3.7821, 0.2576, 0.4474

Inverse Universe

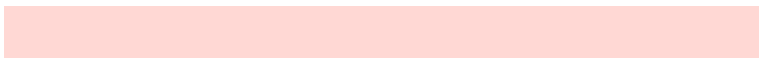
The Inverse Universe completely reimagines the original color for something new.



73.9890, 0.3328, 0.3120



69.8370, 0.3373, 0.3087



75.2641, 0.3445, 0.3335



18.1061, 0.3232, 0.3196



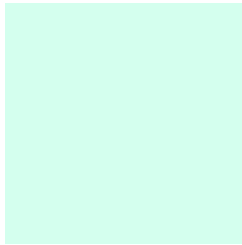
11.6258, 0.5402, 0.2750



1.1528, 0.5099, 0.2583

Previews

White Background



This preview shows how the Yxy color 91.6901, 0.2962, 0.3467 looks on a white background.

Color Contrast Check

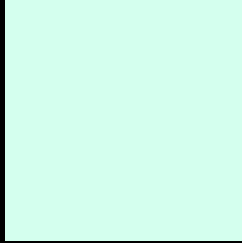
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.6901, 0.2962, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

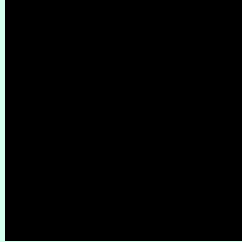
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

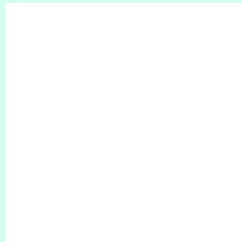
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6901, 0.2962, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 91.6901, 0.2962, 0.3467.

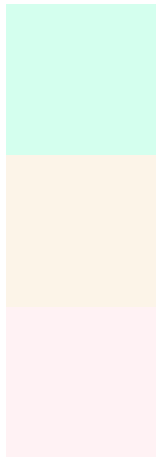


This preview shows how white text looks on a background with the Yxy color 91.6901, 0.2962, 0.3467.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.6901, 0.2962, 0.3467

Protanopia

91.2230, 0.3253, 0.3408

Deuteranopia

91.2959, 0.3200, 0.3271



Tritanopia

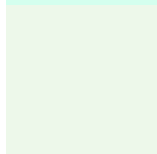
91.4037, 0.3006, 0.3210

Trichromacy



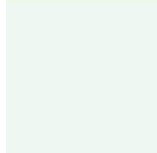
Original Color

91.6901, 0.2962, 0.3467



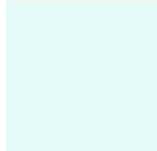
Protanomaly

91.0798, 0.3140, 0.3431



Deuteranomaly

91.2831, 0.3106, 0.3340



Tritanomaly

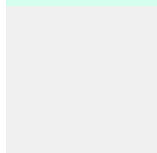
91.5417, 0.2990, 0.3300

Monochromacy



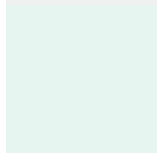
Original Color

91.6901, 0.2962, 0.3467



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.3598, 0.3067, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6901, 0.2962, 0.3467 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 238) }
```

Border

The CSS property to change the border of an element to Yxy 91.6901, 0.2962, 0.3467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 255, 238) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 255, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6901, 0.2962, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
255, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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