

Converting Colors

$Y_{xy}(120.4712, 0.2961, 0.3885)$

Have a look what the booklet for
Yxy(120.4712, 0.2961, 0.3885)
contains.

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Color

Yxy(91.1314, 0.2955, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFEC
RGB	209, 255, 236
RGB Percent	82%, 100%, 93%
CMY	0.1806, 0.0000, 0.0745
CMYK	0.18, 0.00, 0.07, 0.00
HSL	155°, 100%, 91%
HSV	155°, 18%, 100%
XYZ	77.1835, 91.1314, 92.8814
YIQ	239.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

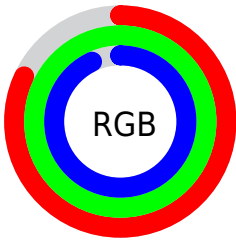
Format	Color
R _Y B	209, 238, 255
Decimal	13762540
CIE Lab	96.46, -18.28, 4.22
CIE LCh	96, 18.762, 166.987
Yxy	91.1314, 0.2955, 0.3489
Android (android.graphics.Color)	4291952620 (0xFFD1FFEC)
YUV	239.0800, -1.5184, -26.3802
Hunter-Lab	95.4628, -22.7391, 9.1372

Details

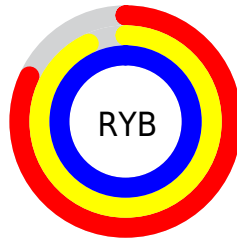
The Yxy color **91.1314, 0.2955, 0.3489** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.4329, 0.3339, 0.3100**, and the grayscale version is **86.3931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5535, 0.2919, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **87.1050, 0.2866, 0.3616**, and if you desaturate by 10%, it is **95.7741, 0.3049, 0.3374**.

Distribution



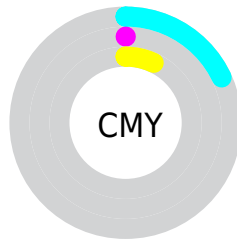
- Red (82%)
- Green (100%)
- Blue (93%)



- Red (82%)
- Yellow (93%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1314, 0.2955, 0.3489 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 91.1314, 0.2955, 0.3489 by changing the saturation by 10% instead.

 91.1314, 0.2955,
0.3489

 91.1314, 0.2955,
0.3489


531.7044, 0.3032,
0.3399

 68.9194, 0.2938,
0.3509

148.9090, 0.2981,
0.3458

 50.6461, 0.2917,
0.3533


185.2433, 0.2992,
0.3446

 35.9270, 0.2891,
0.3564


227.0539, 0.3001,
0.3436

 24.3778, 0.2858,
0.3603

274.7252, 0.3009,
0.3427

 15.6141, 0.2814,
0.3656

328.6414, 0.3015,
0.3419

 9.2515, 0.2753,
0.3729

389.1871, 0.3022,

 4.9056, 0.2662,

0.3411

0.3840

456.7467, 0.3027,
0.3405

■ 2.1920, 0.2513,
0.4024

■ 0.7156, 0.1632,
0.4993

■ 91.1314, 0.2955,
0.3489

■ 91.1314, 0.2955,
0.3489

■ 87.1050, 0.2866,
0.3616

■ 95.7741, 0.3049,
0.3374

■ 83.6884, 0.2786,
0.3754

100.0000, 0.3127,
0.3290

■ 80.8430, 0.2717,
0.3902

■ 78.5346, 0.2664,
0.4058

■ 76.7254, 0.2628,
0.4220

■ 75.3725, 0.2612,
0.4383

■ 74.4250, 0.2618,
0.4545

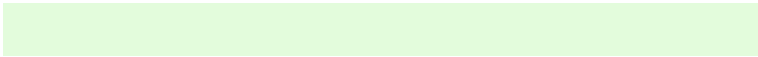
■ 73.8145, 0.2642,
0.4702

■ 73.7163, 0.2648,
0.4731

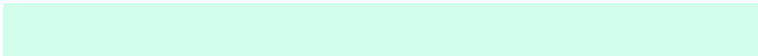
Harmonies

Analogous

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



91.1314, 0.3160, 0.3624



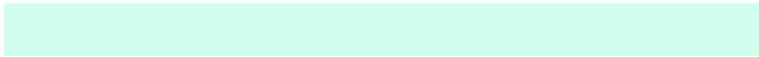
91.1314, 0.2955, 0.3489



91.1314, 0.2799, 0.3298

Triad

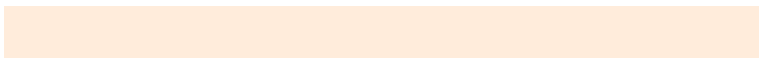
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1314, 0.2955, 0.3489



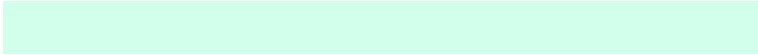
91.1314, 0.2889, 0.2939



91.1314, 0.3542, 0.3447

Complementary

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



91.1314, 0.2955, 0.3489



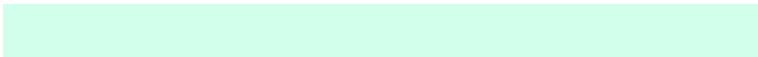
72.4329, 0.3339, 0.3100

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.



91.1314, 0.3465, 0.3269



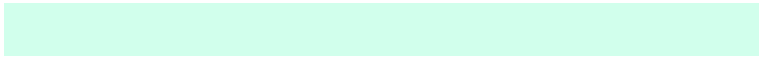
91.1314, 0.2955, 0.3489



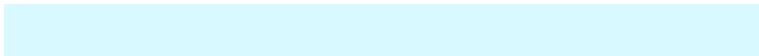
91.1314, 0.3083, 0.2983

Square

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



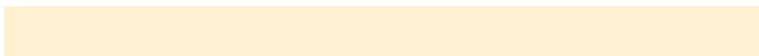
91.1314, 0.2955, 0.3489



91.1314, 0.2762, 0.2983



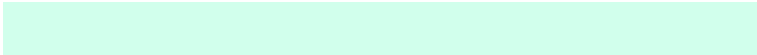
91.1314, 0.3295, 0.3102



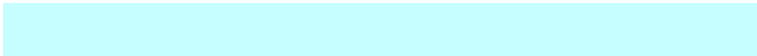
91.1314, 0.3503, 0.3591

Rectangle

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



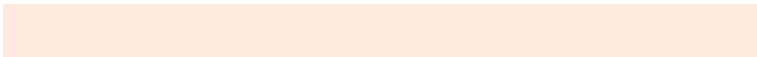
91.1314, 0.2955, 0.3489



91.1314, 0.2741, 0.3169



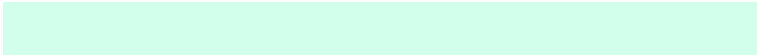
91.1314, 0.3295, 0.3102



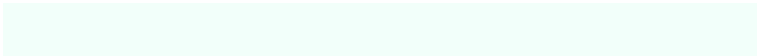
91.1314, 0.3529, 0.3389

Sweetspot

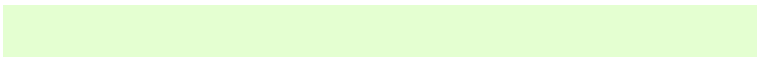
The Sweet Spot groups the original color and five complimentary colors.



91.1239, 0.2955, 0.3489



97.3274, 0.3079, 0.3341



92.6370, 0.3225, 0.3767



20.7545, 0.3072, 0.3349



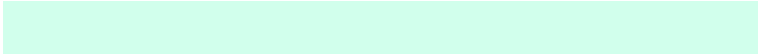
0.0000, 0.0000, 0.0000



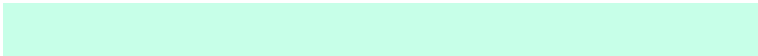
21.4041, 0.3127, 0.3290

Same Dimension

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



91.1239, 0.2955, 0.3489



89.4668, 0.2919, 0.3537



89.8633, 0.2852, 0.3250



20.3473, 0.3035, 0.3390



38.5488, 0.2641, 0.4706



3.7751, 0.2591, 0.4527

Inverse Universe

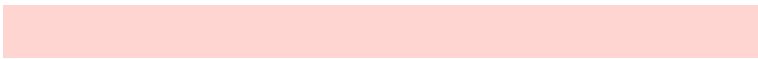
The Inverse Universe completely reimagines the original color for something new.



72.4329, 0.3339, 0.3100



67.3368, 0.3396, 0.3056



73.3409, 0.3473, 0.3330



18.1113, 0.3229, 0.3192



11.6716, 0.5333, 0.2711



1.1575, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 91.1314, 0.2955, 0.3489 looks on a white background.

Color Contrast Check

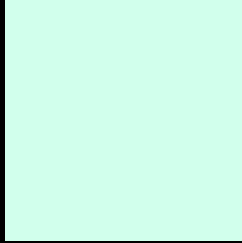
Large Text (above 18pt) WCAG AA × Fail

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 91.1314, 0.2955, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

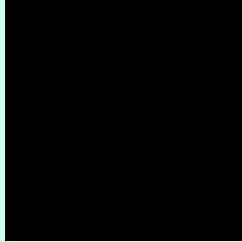
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

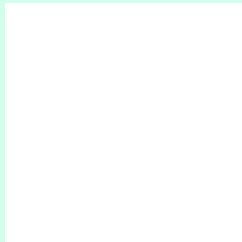
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1314, 0.2955, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 91.1314, 0.2955, 0.3489.

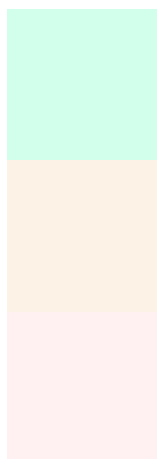


This preview shows how white text looks on a background with the Yxy color 91.1314, 0.2955, 0.3489.

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

91.1314, 0.2955, 0.3489

Protanopia

90.5098, 0.3266, 0.3419

Deuteranopia

90.5814, 0.3213, 0.3281



Tritanopia

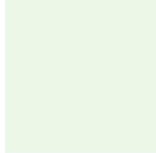
91.0652, 0.2993, 0.3210

Trichromacy



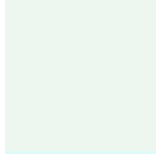
Original Color

91.1314, 0.2955, 0.3489



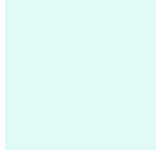
Protanomaly

90.1806, 0.3146, 0.3442



Deuteranomaly

90.3799, 0.3112, 0.3350



Tritanomaly

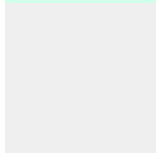
90.9958, 0.2978, 0.3310

Monochromacy



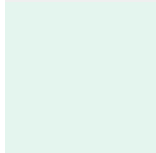
Original Color

91.1314, 0.2955, 0.3489



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9718, 0.3060, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1314, 0.2955, 0.3489 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(209, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 236)  
}
```

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(209, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 91.1314, 0.2955, 0.3489 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(209, 255, 236) }
```

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

```
.border{ border-color:rgb(209, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1314, 0.2955, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 236) }
```

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

```
.background{ background-color: rgb(209,  
255, 236) }
```

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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