

Converting Colors

Yxy(91.6868, 0.2966, 0.3360)

Have a look what the booklet for
Yxy(91.6868, 0.2966, 0.3360)
contains.

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Color

Yxy(91.4903, 0.2965, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	DCFCF6
RGB	220, 252, 246
RGB Percent	86%, 99%, 96%
CMY	0.1374, 0.0117, 0.0353
CMYK	0.13, 0.00, 0.02, 0.01
HSL	169°, 84%, 93%
HSV	169°, 13%, 99%
XYZ	80.9516, 91.4903, 100.5820
YIQ	241.7480, -17.1460, -8.6500

Conversions

Conversions Part 2

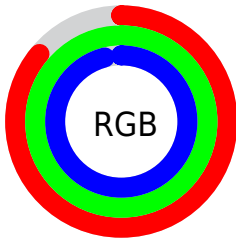
Format	Color
R _Y B	220, 238, 252
Decimal	14482678
CIE Lab	96.61, -11.44, -0.62
CIE LCh	97, 11.462, 183.124
Yxy	91.4903, 0.2965, 0.3351
Android (android.graphics.Color)	4292672758 (0xFFDCFCF6)
YUV	241.7480, 2.0962, -19.0730
Hunter-Lab	95.6506, -16.3193, 4.6086

Details

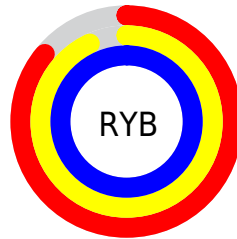
The Yxy color **91.4903, 0.2965, 0.3351** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3552, 0.3318, 0.3230**, and the grayscale version is **88.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7473, 0.2931, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **87.5679, 0.2845, 0.3404**, and if you desaturate by 10%, it is **96.0204, 0.3092, 0.3302**.

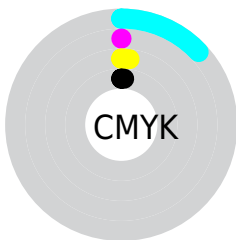
Distribution



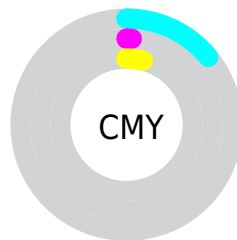
- Red (86%)
- Green (99%)
- Blue (96%)



- Red (86%)
- Yellow (93%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)




- Cyan (14%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4903, 0.2965, 0.3351 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 91.4903, 0.2965, 0.3351 by changing the saturation by 10% instead.

 91.4903, 0.2965,
0.3351

 91.4903, 0.2965,
0.3351


532.8669, 0.3037,
0.3324

 69.2174, 0.2949,
0.3357


149.4068, 0.2989,
0.3342

 50.8887, 0.2930,
0.3364

185.8191, 0.2999,
0.3338

 36.1201, 0.2906,
0.3373


227.7133, 0.3007,
0.3335

 24.5269, 0.2876,
0.3384

275.4738, 0.3015,
0.3332

 15.7250, 0.2836,
0.3399

329.4851, 0.3021,
0.3330

 9.3297, 0.2782,
0.3419

390.1314, 0.3027,

 4.9569, 0.2702,

0.3328

0.3448

457.7972, 0.3032,
0.3326

■ 2.2220, 0.2574,
0.3494

■ 0.7319, 0.2093,
0.3680

■ 91.4903, 0.2965,
0.3351

■ 91.4903, 0.2965,
0.3351

■ 87.5679, 0.2845,
0.3404

■ 96.0204, 0.3092,
0.3302

■ 84.2153, 0.2734,
0.3462

■ 98.1102, 0.3128,
0.3262

■ 81.4078, 0.2637,
0.3524

■ 79.1144, 0.2555,
0.3588

■ 77.3010, 0.2490,
0.3655

■ 75.9294, 0.2445,
0.3724

■ 74.9553, 0.2420,
0.3793

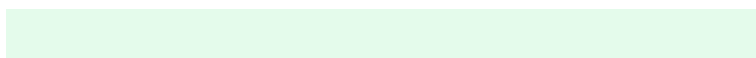
■ 74.3252, 0.2415,
0.3861

■ 74.0254, 0.2420,
0.3911

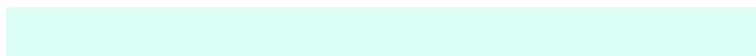
Harmonies

Analogous

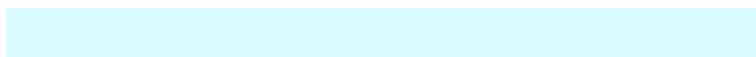
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4903, 0.3079, 0.3453



91.4903, 0.2965, 0.3351



91.4903, 0.2894, 0.3233

Triad

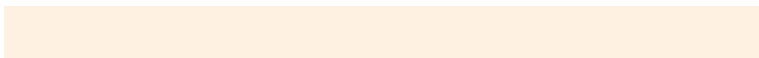
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4903, 0.2965, 0.3351



91.4903, 0.3043, 0.3081



91.4903, 0.3375, 0.3440

Complementary

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



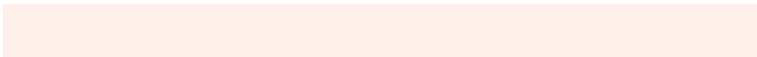
91.4903, 0.2965, 0.3351



77.3552, 0.3318, 0.3230

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.



91.4903, 0.3366, 0.3339



91.4903, 0.2965, 0.3351



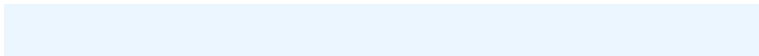
91.4903, 0.3172, 0.3135

Square

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



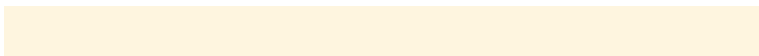
91.4903, 0.2965, 0.3351



91.4903, 0.2938, 0.3080



91.4903, 0.3291, 0.3228



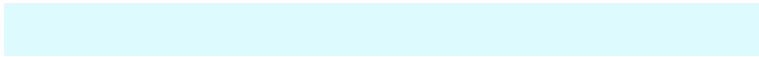
91.4903, 0.3317, 0.3504

Rectangle

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



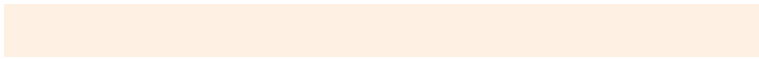
91.4903, 0.2965, 0.3351



91.4903, 0.2881, 0.3163



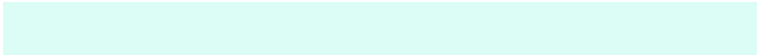
91.4903, 0.3291, 0.3228



91.4903, 0.3380, 0.3409

Sweetspot

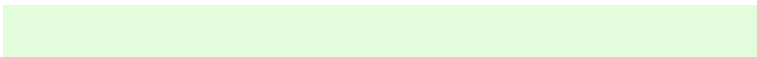
The Sweet Spot groups the original color and five complimentary colors.



91.4941, 0.2965, 0.3351



97.9939, 0.3075, 0.3308



91.0248, 0.3152, 0.3622



20.8964, 0.3066, 0.3312



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

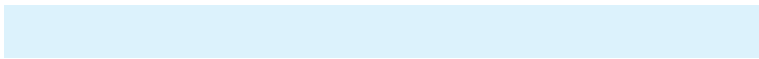
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4941, 0.2965, 0.3351



92.9999, 0.2937, 0.3363



85.9816, 0.2930, 0.3191



19.5495, 0.3005, 0.3335



38.5761, 0.2416, 0.3899



3.5868, 0.2394, 0.3817

Inverse Universe

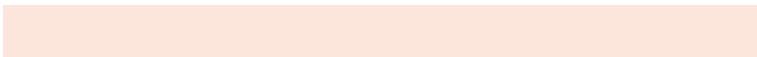
The Inverse Universe completely reimagines the original color for something new.



77.3552, 0.3318, 0.3230



76.1347, 0.3358, 0.3219



82.2232, 0.3347, 0.3387



17.2784, 0.3264, 0.3246



10.9042, 0.6110, 0.3139



1.0237, 0.5802, 0.2970

Previews

White Background



This preview shows how the Yxy color 91.4903, 0.2965, 0.3351 looks on a white background.

Color Contrast Check

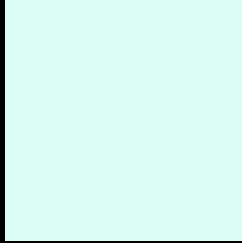
Large Text (above 18pt) WCAG AA × Fail

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 91.4903, 0.2965, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

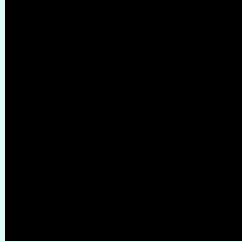
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

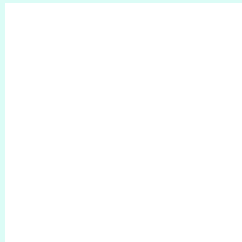
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4903, 0.2965, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 91.4903, 0.2965, 0.3351.

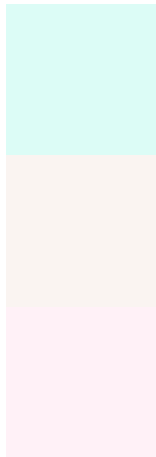


This preview shows how white text looks on a background with the Yxy color 91.4903, 0.2965, 0.3351.

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

91.4903, 0.2965, 0.3351

Protanopia

91.3762, 0.3184, 0.3320

Deuteranopia

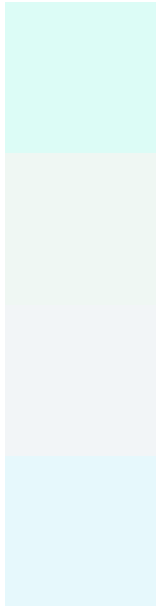
90.8860, 0.3182, 0.3232



Tritanopia

90.9644, 0.3012, 0.3201

Trichromacy



Original Color

91.4903, 0.2965, 0.3351

Protanomaly

91.3433, 0.3100, 0.3330

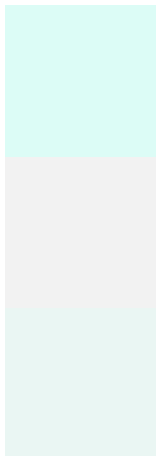
Deuteranomaly

90.8975, 0.3096, 0.3270

Tritanomaly

90.9861, 0.2992, 0.3250

Monochromacy



Original Color

91.4903, 0.2965, 0.3351

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.8750, 0.3068, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4903, 0.2965, 0.3351 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(220, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(220, 252, 246)  
}
```

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(220, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 252, 246) }
```

Border

The CSS property to change the border of an element to Yxy 91.4903, 0.2965, 0.3351 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(220, 252, 246) }
```

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

```
.border{ border-color:rgb(220, 252, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(220, 252,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4903, 0.2965, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 252, 246) }
```

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

```
.background{ background-color: rgb(220,  
252, 246) }
```

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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