

Converting Colors

$Yxy(63.7441, 0.2316, 0.3049)$

Have a look what the booklet for
Yxy(63.7441, 0.2316, 0.3049)
contains.

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Color

Yxy(63.8673, 0.2318, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	5CE3F6
RGB	92, 227, 246
RGB Percent	36%, 89%, 96%
CMY	0.6387, 0.1098, 0.0354
CMYK	0.63, 0.08, 0.00, 0.04
HSL	187°, 90%, 66%
HSV	187°, 63%, 96%
XYZ	48.5232, 63.8673, 96.9418
YIQ	188.8010, -86.5590, -22.7110

Conversions

Conversions Part 2

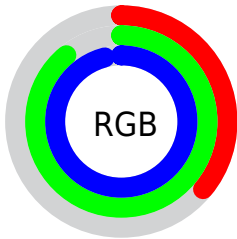
Format	Color
R_{YB}	92, 164, 246
Decimal	6087670
CIE _{Lab}	83.90, -30.98, -20.17
CIE _{LCh}	84, 36.962, 213.069
Yxy	63.8673, 0.2318, 0.3051
Android (android.graphics.Color)	4284277750 (0xFF5CE3F6)
YUV	188.8010, 28.1991, -84.8945
Hunter-Lab	79.9170, -31.4749, -15.9787

Details

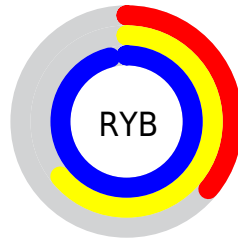
The Yxy color **63.8673, 0.2318, 0.3051** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **31.7569, 0.5000, 0.3480**, and the grayscale version is **50.6611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **32.8435, 0.2159, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **61.1542, 0.2244, 0.3007**, and if you desaturate by 10%, it is **67.0257, 0.2411, 0.3094**.

Distribution



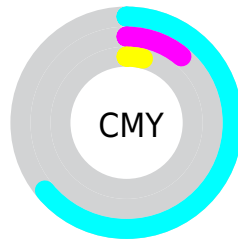
- Red (36%)
- Green (89%)
- Blue (96%)



- Red (36%)
- Yellow (64%)
- Blue (96%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8673, 0.2318, 0.3051 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 63.8673, 0.2318, 0.3051 by changing the saturation by 10% instead.

 63.8673, 0.2318,
0.3051


 63.8673, 0.2318,
0.3051

438.7103, 0.2688,
0.3175

 46.5432, 0.2235,
0.3019

 110.4198, 0.2445,
0.3097

 32.6747, 0.2134,
0.2979

 140.4170, 0.2495,
0.3114

 21.8774, 0.2008,
0.2925


 175.4074, 0.2538,
0.3128

 13.7668, 0.1847,
0.2851

 215.7753, 0.2576,
0.3140

 7.9587, 0.1636,
0.2744

261.9051, 0.2609,
0.3151

 4.0685, 0.1351,
0.2578

314.1813, 0.2638,

 1.7120, 0.0949,

0.3160

372.9882, 0.2665,
0.3168

0.2302

0.4314, 0.0000,
0.1639

0.0000, 0.0000,
0.0000

63.8673, 0.2318,
0.3051

63.8673, 0.2318,
0.3051

61.1542, 0.2244,
0.3007

67.0257, 0.2411,
0.3094

58.8376, 0.2189,
0.2964


70.6583, 0.2522,
0.3136


56.8696, 0.2153,
0.2920


74.7997, 0.2648,
0.3176

55.5735, 0.2136,
0.2888


79.4791, 0.2787,
0.3214

 84.7233, 0.2934,
0.3250

 90.5575, 0.3087,
0.3282

 95.1963, 0.3184,
0.3312

 97.0804, 0.3182,
0.3341

 98.9948, 0.3180,
0.3370

Harmonies

Analogous

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



63.8673, 0.2546, 0.3505



63.8673, 0.2318, 0.3051



63.8673, 0.2290, 0.2714

Triad

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



63.8673, 0.2318, 0.3051



63.8673, 0.3272, 0.2759



63.8673, 0.3802, 0.4056

Complementary

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



63.8673, 0.2318, 0.3051



31.7569, 0.5000, 0.3480

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.



63.8673, 0.4034, 0.3786



63.8673, 0.2318, 0.3051



63.8673, 0.3722, 0.3060

Square

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



63.8673, 0.2318, 0.3051



63.8673, 0.2811, 0.2578



63.8673, 0.4009, 0.3425



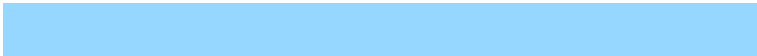
63.8673, 0.3396, 0.4126

Rectangle

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



63.8673, 0.2318, 0.3051



63.8673, 0.2384, 0.2588



63.8673, 0.4009, 0.3425



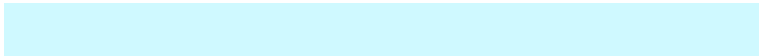
63.8673, 0.3904, 0.3982

Sweetspot

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



63.8697, 0.2318, 0.3051



88.1853, 0.2837, 0.3227



69.3086, 0.2966, 0.5114



18.5374, 0.2796, 0.3217



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.



63.8697, 0.2318, 0.3051



65.6779, 0.2228, 0.2996



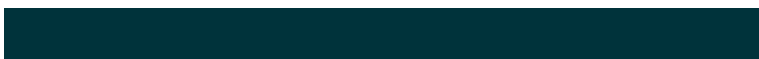
31.1005, 0.2077, 0.2010



18.3883, 0.2981, 0.3260



29.8098, 0.2138, 0.2896



2.7160, 0.2153, 0.2950

Inverse Universe

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



32.8108, 0.3384, 0.1994



30.6908, 0.3445, 0.1838



55.9056, 0.4388, 0.4251



16.7310, 0.3157, 0.3085



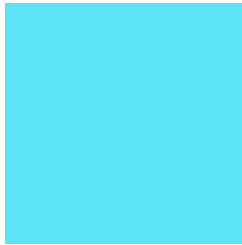
13.1087, 0.3547, 0.1728



1.1618, 0.3499, 0.1701

Previews

White Background



This preview shows how the Yxy color 63.8673, 0.2318, 0.3051 looks on a white background.

Color Contrast Check

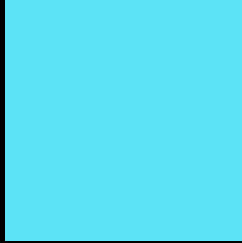
Large Text (above 18pt) WCAG AA × Fail

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 63.8673, 0.2318, 0.3051 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 63.8673, 0.2318, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 63.8673, 0.2318, 0.3051.

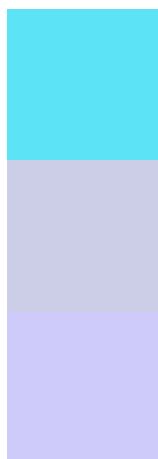


This preview shows how white text looks on a background with the Yxy color 63.8673, 0.2318, 0.3051.

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

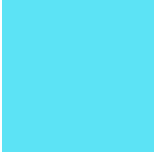
63.8673, 0.2318, 0.3051

Protanopia

62.8062, 0.2936, 0.2997

Deuteranopia

62.7987, 0.2829, 0.2766



Tritanopia

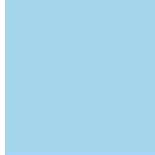
63.8061, 0.2322, 0.3063

Trichromacy



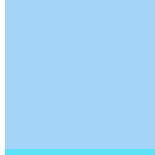
Original Color

63.8673, 0.2318, 0.3051



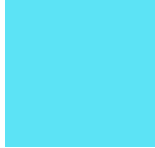
Protanomaly

61.9941, 0.2647, 0.3015



Deuteranomaly

61.9259, 0.2592, 0.2858



Tritanomaly

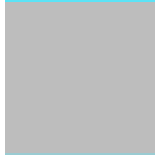
63.8061, 0.2322, 0.3063

Monochromacy



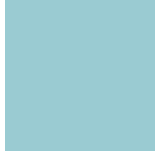
Original Color

63.8673, 0.2318, 0.3051



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

54.2350, 0.2732, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8673, 0.2318, 0.3051 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(92, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(92, 227, 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(92, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 227, 246) }
```

Border

The CSS property to change the border of an element to Yxy 63.8673, 0.2318, 0.3051 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(92, 227, 246) }
```

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

```
.border{ border-color:rgb(92, 227, 246) }
```

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

Here you see how a box with a 4 pixel rgb(92, 227, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(92, 227,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8673, 0.2318, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 227, 246) }
```

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

```
.background{ background-color: rgb(92, 227,  
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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