

Converting Colors

$Yxy(50.1797, 0.2309, 0.2917)$

Have a look what the booklet for
Yxy(50.1797, 0.2309, 0.2917)
contains.

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Color

Yxy(50.2295, 0.2308, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	5CCA E6
RGB	92, 202, 230
RGB Percent	36%, 79%, 90%
CMY	0.6394, 0.2078, 0.0981
CMYK	0.60, 0.12, 0.00, 0.10
HSL	192°, 73%, 63%
HSV	192°, 60%, 90%
XYZ	39.8110, 50.2295, 82.4509
YIQ	172.3020, -74.5480, -14.6120

Conversions

Conversions Part 2

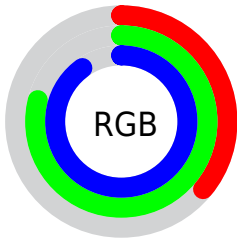
Format	Color
R _Y B	92, 153, 230
Decimal	6081254
CIE Lab	76.21, -23.35, -23.31
CIE LCh	76, 32.998, 224.950
Yxy	50.2295, 0.2308, 0.2912
Android (android.graphics.Color)	4284271334 (0xFF5CCA6)
YUV	172.3020, 28.4451, -70.4249
Hunter-Lab	70.8728, -23.7594, -19.3650

Details

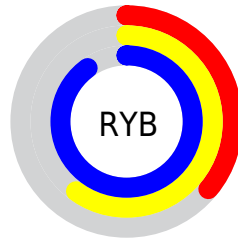
The Yxy color **50.2295, 0.2308, 0.2912** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **31.0071, 0.4787, 0.3597**, and the grayscale version is **41.2908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5123, 0.2574, 0.3288**, and **24.2358, 0.2114, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **47.0675, 0.2218, 0.2838**, and if you desaturate by 10%, it is **53.8207, 0.2416, 0.2984**.

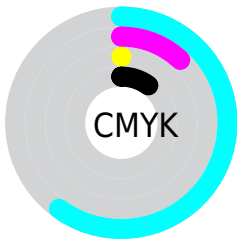
Distribution



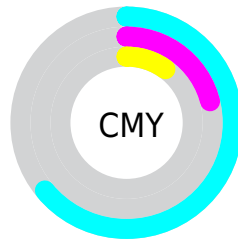
- Red (36%)
- Green (79%)
- Blue (90%)



- Red (36%)
- Yellow (60%)
- Blue (90%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (64%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2295, 0.2308, 0.2912 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 50.2295, 0.2308, 0.2912 by changing the saturation by 10% instead.

■ 50.2295, 0.2308,
0.2912

■ 50.2295, 0.2308,
0.2912

■ 387.5627, 0.2698,
0.3108

■ 35.5958, 0.2217,
0.2862

■ 90.5148, 0.2445,
0.2984

■ 24.1222, 0.2104,
0.2798

■ 116.9352, 0.2498,
0.3011

■ 15.4243, 0.1961,
0.2712

■ 148.0533, 0.2543,
0.3033

■ 9.1177, 0.1774,
0.2593

■ 184.2535, 0.2582,
0.3053

■ 4.8180, 0.1522,
0.2418

■ 225.9201, 0.2617,
0.3069

■ 2.1409, 0.1173,
0.2144

■ 273.4376, 0.2647,

■ 0.6875, 0.0211,

0.3084

0.1739

327.1903, 0.2674,
0.3096

0.0000, 0.0000,
0.0000

50.2295, 0.2308,
0.2912

50.2295, 0.2308,
0.2912

47.0675, 0.2218,
0.2838

53.8207, 0.2416,
0.2984

44.2947, 0.2147,
0.2763

57.8654, 0.2540,
0.3054


41.8724, 0.2095,
0.2689


62.3926, 0.2676,
0.3120


39.7352, 0.2060,
0.2616


67.4270, 0.2821,
0.3181

72.9913, 0.2973,
0.3238

 79.1069, 0.3127,
0.3290

 85.7939, 0.3281,
0.3337

 88.8820, 0.3290,
0.3382

 91.6512, 0.3285,
0.3427

Harmonies

Analogous

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



50.2295, 0.2455, 0.3319



50.2295, 0.2308, 0.2912



50.2295, 0.2359, 0.2650

Triad

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



50.2295, 0.2308, 0.2912



50.2295, 0.3450, 0.2880



50.2295, 0.3640, 0.4087

Complementary

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



50.2295, 0.2308, 0.2912



31.0071, 0.4787, 0.3597

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.



50.2295, 0.3943, 0.3891



50.2295, 0.2308, 0.2912



50.2295, 0.3838, 0.3204

Square

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



50.2295, 0.2308, 0.2912



50.2295, 0.2991, 0.2652



50.2295, 0.4022, 0.3565



50.2295, 0.3211, 0.4050

Rectangle

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



50.2295, 0.2308, 0.2912



50.2295, 0.2500, 0.2574



50.2295, 0.4022, 0.3565



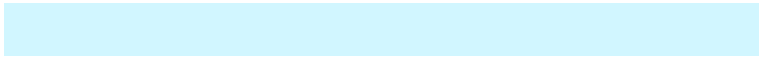
50.2295, 0.3760, 0.4043

Sweetspot

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



50.2314, 0.2308, 0.2912



86.5175, 0.2850, 0.3193



60.2052, 0.2917, 0.4870



18.0971, 0.2807, 0.3175



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.



50.2314, 0.2308, 0.2912



58.6085, 0.2199, 0.2820



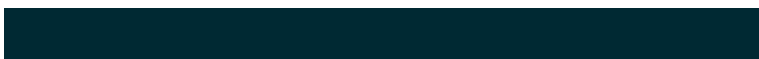
24.8581, 0.2083, 0.1909



15.8141, 0.2981, 0.3241



22.6768, 0.2063, 0.2627



1.8017, 0.2093, 0.2735

Inverse Universe

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



28.7306, 0.3495, 0.2131



30.8685, 0.3595, 0.1976



53.8058, 0.4241, 0.4332



14.5625, 0.3169, 0.3105



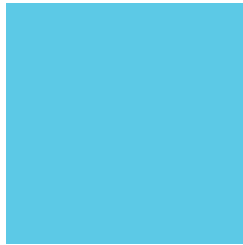
11.4870, 0.3797, 0.1866



0.8616, 0.3695, 0.1809

Previews

White Background



This preview shows how the Yxy color 50.2295, 0.2308, 0.2912 looks on a white background.

Color Contrast Check

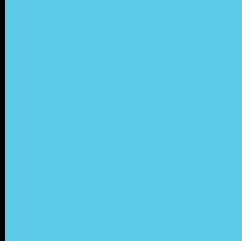
Large Text (above 18pt) WCAG AA × Fail

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 50.2295, 0.2308, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

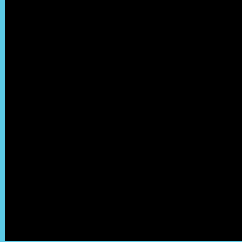
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2295, 0.2308, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 50.2295, 0.2308, 0.2912.



This preview shows how white text looks on a background with the Yxy color 50.2295, 0.2308, 0.2912.

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

50.2295, 0.2308, 0.2912

Protanopia

49.5157, 0.2839, 0.2871

Deuteranopia

49.5108, 0.2738, 0.2678



Tritanopia

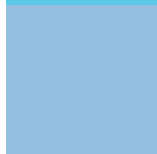
50.4277, 0.2344, 0.3068

Trichromacy



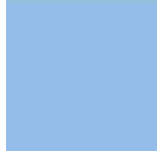
Original Color

50.2295, 0.2308, 0.2912



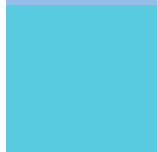
Protanomaly

48.8852, 0.2598, 0.2876



Deuteranomaly

49.0060, 0.2540, 0.2745



Tritanomaly

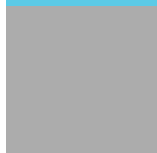
50.2175, 0.2327, 0.3001

Monochromacy



Original Color

50.2295, 0.2308, 0.2912



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

43.5569, 0.2739, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2295, 0.2308, 0.2912 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, 202, 230)` looks like.

```
.text, #text, p{  
    color:rgb(92, 202, 230)  
}
```

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, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 202, 230) }
```

Border

The CSS property to change the border of an element to Yxy 50.2295, 0.2308, 0.2912 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, 202, 230) }
```

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

```
.border{ border-color:rgb(92, 202, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 202, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 202, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 202, 230);  
box-shadow:4px 4px 4px 4px rgb(92, 202,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2295, 0.2308, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 202, 230) }
```

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

```
.background{ background-color: rgb(92, 202,  
230) }
```

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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