

Converting Colors

$Yxy(56.3941, 0.2306, 0.2909)$

Have a look what the booklet for
Yxy(56.3941, 0.2306, 0.2909)
contains.

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Color

Yxy(56.5407, 0.2309, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	61D5F2
RGB	97, 213, 242
RGB Percent	38%, 84%, 95%
CMY	0.6192, 0.1647, 0.0511
CMYK	0.60, 0.12, 0.00, 0.05
HSL	192°, 85%, 66%
HSV	192°, 60%, 95%
XYZ	44.7557, 56.5407, 92.5352
YIQ	181.6220, -78.4450, -15.5730

Conversions

Conversions Part 2

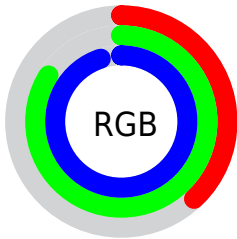
Format	Color
R _Y B	97, 161, 242
Decimal	6411762
CIE Lab	79.92, -24.46, -24.06
CIE LCh	80, 34.311, 224.532
Yxy	56.5407, 0.2309, 0.2917
Android (android.graphics.Color)	4284601842 (0xFF61D5F2)
YUV	181.6220, 29.7664, -74.2135
Hunter-Lab	75.1936, -25.3442, -20.3284

Details

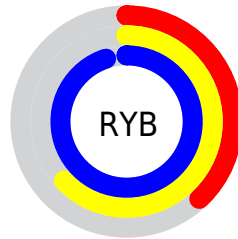
The Yxy color **56.5407, 0.2309, 0.2917** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **34.6817, 0.4791, 0.3593**, and the grayscale version is **46.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **28.0053, 0.2113, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **53.0097, 0.2219, 0.2844**, and if you desaturate by 10%, it is **60.5539, 0.2417, 0.2989**.

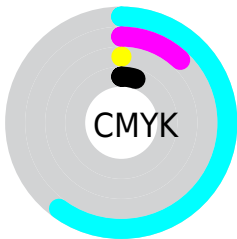
Distribution



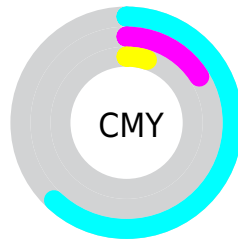
- Red (38%)
- Green (84%)
- Blue (95%)



- Red (38%)
- Yellow (63%)
- Blue (95%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (62%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5407, 0.2309, 0.2917 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 56.5407, 0.2309, 0.2917 by changing the saturation by 10% instead.


 56.5407, 0.2309,
0.2917


 56.5407, 0.2309,
0.2917


411.7260, 0.2691,
0.3107

 40.6366, 0.2222,
0.2870


 99.7947, 0.2441,
0.2986


 28.0352, 0.2115,
0.2810


 127.9134, 0.2493,
0.3012

 18.3522, 0.1981,
0.2730


 160.8724, 0.2537,
0.3034

 11.2032, 0.1808,
0.2622

 199.0561, 0.2576,
0.3053

 6.2037, 0.1578,
0.2467

242.8489, 0.2610,
0.3069

 2.9693, 0.1266,
0.2231

292.6353, 0.2640,

 1.1157, 0.0746,

0.3083

0.1864

348.7995, 0.2667,
0.3095

0.0000, 0.0000,
0.0000

56.5407, 0.2309,
0.2917

56.5407, 0.2309,
0.2917

53.0097, 0.2219,
0.2844

60.5539, 0.2417,
0.2989

49.9159, 0.2148,
0.2770

65.0771, 0.2541,
0.3057

47.2153, 0.2097,
0.2697


70.1429, 0.2677,
0.3122


44.8324, 0.2062,
0.2624


75.7791, 0.2823,
0.3183


44.8015, 0.2062,
0.2623

82.0116, 0.2975,
0.3240

 88.8644, 0.3129,
0.3291

 94.1149, 0.3209,
0.3338

 97.1118, 0.3205,
0.3384

 99.1891, 0.3203,
0.3415

Harmonies

Analogous

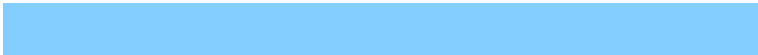
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.5407, 0.2458, 0.3325



56.5407, 0.2309, 0.2917



56.5407, 0.2357, 0.2652

Triad

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



56.5407, 0.2309, 0.2917



56.5407, 0.3443, 0.2876



56.5407, 0.3645, 0.4085

Complementary

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



56.5407, 0.2309, 0.2917



34.6817, 0.4791, 0.3593

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.



56.5407, 0.3945, 0.3887



56.5407, 0.2309, 0.2917



56.5407, 0.3834, 0.3199

Square

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



56.5407, 0.2309, 0.2917



56.5407, 0.2985, 0.2650



56.5407, 0.4021, 0.3560



56.5407, 0.3218, 0.4052

Rectangle

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



56.5407, 0.2309, 0.2917



56.5407, 0.2496, 0.2575



56.5407, 0.4021, 0.3560



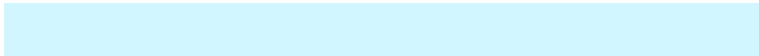
56.5407, 0.3765, 0.4040

Sweetspot

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



56.5428, 0.2309, 0.2917



86.5912, 0.2850, 0.3194



67.5432, 0.2917, 0.4871



18.1153, 0.2807, 0.3177



0.0000, 0.0000, 0.0000



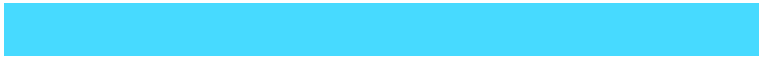
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5428, 0.2309, 0.2917



58.8602, 0.2200, 0.2827



27.8799, 0.2083, 0.1909



17.3604, 0.2981, 0.3242



24.2724, 0.2065, 0.2635



2.1540, 0.2092, 0.2731

Inverse Universe

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



32.2462, 0.3491, 0.2128



30.8939, 0.3589, 0.1973



60.3607, 0.4241, 0.4333



15.9741, 0.3169, 0.3103



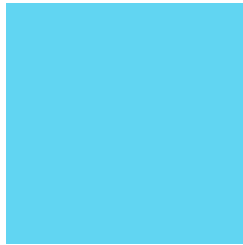
12.2437, 0.3790, 0.1861



1.0322, 0.3699, 0.1811

Previews

White Background



This preview shows how the Yxy color 56.5407, 0.2309, 0.2917 looks on a white background.

Color Contrast Check

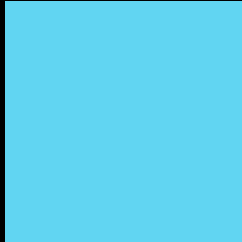
Large Text (above 18pt) WCAG AA × Fail

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 56.5407, 0.2309, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

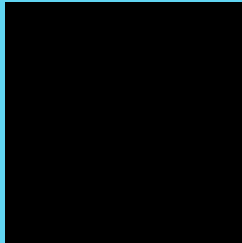
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5407, 0.2309, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 56.5407, 0.2309, 0.2917.

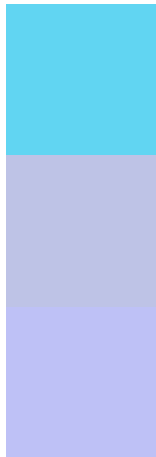


This preview shows how white text looks on a background with the Yxy color 56.5407, 0.2309, 0.2917.

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

56.5407, 0.2309, 0.2917

Protanopia

55.6905, 0.2845, 0.2879

Deuteranopia

55.7409, 0.2742, 0.2685



Tritanopia

56.7542, 0.2343, 0.3065

Trichromacy



Original Color

56.5407, 0.2309, 0.2917



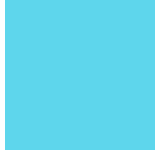
Protanomaly

55.2495, 0.2604, 0.2895



Deuteranomaly

54.9690, 0.2541, 0.2747



Tritanomaly

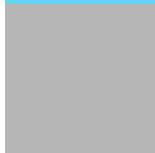
56.5289, 0.2326, 0.3002

Monochromacy



Original Color

56.5407, 0.2309, 0.2917



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.0789, 0.2736, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5407, 0.2309, 0.2917 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(97, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(97, 213, 242)  
}
```

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(97, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 213, 242) }
```

Border

The CSS property to change the border of an element to Yxy 56.5407, 0.2309, 0.2917 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(97, 213, 242) }
```

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

```
.border{ border-color:rgb(97, 213, 242) }
```

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

Here you see how a box with a 4 pixel rgb(97, 213, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(97, 213,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5407, 0.2309, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 213, 242) }
```

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

```
.background{ background-color: rgb(97, 213,  
242) }
```

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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