

Converting Colors

Yxy(36.4886, 0.2088, 0.2119)

Have a look what the booklet for
Yxy(36.4886, 0.2088, 0.2119)
contains.

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Color

Yxy(36.4056, 0.2088, 0.2116)

Conversions

Conversions Part 1

Format	Color
Hex	5CA5FF
RGB	92, 165, 255
RGB Percent	36%, 65%, 100%
CMY	0.6387, 0.3530, 0.0001
CMYK	0.64, 0.35, 0.00, 0.00
HSL	213°, 100%, 68%
HSV	213°, 64%, 100%
XYZ	35.9239, 36.4056, 99.7197
YIQ	153.4330, -72.3980, 12.5140

Conversions

Conversions Part 2

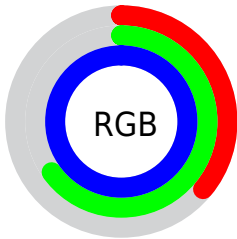
Format	Color
R _Y B	92, 142, 255
Decimal	6071807
CIE Lab	66.83, 4.49, -51.42
CIE LCh	67, 51.612, 274.989
Yxy	36.4056, 0.2088, 0.2116
Android (android.graphics.Color)	4284261887 (0xFF5CA5FF)
YUV	153.4330, 50.0725, -53.8767
Hunter-Lab	60.3371, 0.6866, -55.7533

Details

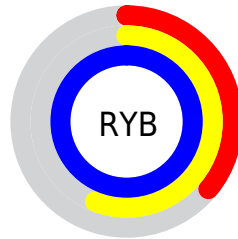
The Yxy color **36.4056, 0.2088, 0.2116** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **55.5299, 0.4500, 0.4170**, and the grayscale version is **31.8676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3750, 0.2521, 0.2883**, and **16.1118, 0.1842, 0.1831** is the 20% darker color. If you saturate the color by 10%, you get **30.5001, 0.1953, 0.1898**, and if you desaturate by 10%, it is **43.3153, 0.2241, 0.2333**.

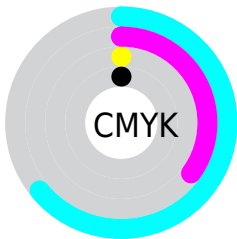
Distribution



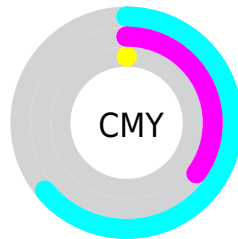
- Red (36%)
- Green (65%)
- Blue (100%)



- Red (36%)
- Yellow (56%)
- Blue (100%)



- Cyan (64%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)




- Cyan (64%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4056, 0.2088, 0.2116 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 36.4056, 0.2088, 0.2116 by changing the saturation by 10% instead.


 36.4056, 0.2088,
0.2116


 36.4056, 0.2088,
0.2116


330.7299, 0.2599,
0.2686

 24.7476, 0.1968,
0.1984


 69.6576, 0.2269,
0.2316


 15.8891, 0.1819,
0.1821


 92.0205, 0.2339,
0.2394

 9.4457, 0.1631,
0.1619

 118.7204, 0.2398,
0.2460

 5.0330, 0.1392,
0.1363

 150.1418, 0.2450,
0.2518

 2.2667, 0.1086,
0.1040

186.6690, 0.2494,
0.2568

 0.7560, 0.0704,
0.0643

228.6865, 0.2534,

 0.0000, 0.0000,

0.2612

0.0000

276.5787, 0.2568,
0.2651

■ 36.4056, 0.2088,
0.2116

■ 36.4056, 0.2088,
0.2116

■ 30.5001, 0.1953,
0.1898

■ 43.3153, 0.2241,
0.2333

■ 25.5306, 0.1841,
0.1686

■ 51.2827, 0.2404,
0.2542

■ 21.4229, 0.1756,
0.1487

■ 60.3609, 0.2574,
0.2740

■ 19.2729, 0.1715,
0.1373

■ 70.5980, 0.2743,
0.2922

■ 82.0387, 0.2909,
0.3088

94.7252, 0.3068,
0.3237

99.9984, 0.3127,
0.3290

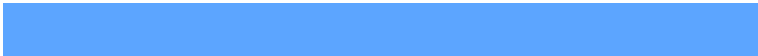
Harmonies

Analogous

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



36.4056, 0.1815, 0.2307



36.4056, 0.2088, 0.2116



36.4056, 0.2637, 0.2185

Triad

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



36.4056, 0.2088, 0.2116



36.4056, 0.4630, 0.3482



36.4056, 0.2729, 0.4375

Complementary

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



36.4056, 0.2088, 0.2116



55.5299, 0.4500, 0.4170

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.



36.4056, 0.3470, 0.4733



36.4056, 0.2088, 0.2116



36.4056, 0.4604, 0.4054

Square

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



36.4056, 0.2088, 0.2116



36.4056, 0.4170, 0.2930



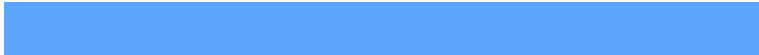
36.4056, 0.4159, 0.4545



36.4056, 0.2136, 0.3583

Rectangle

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



36.4056, 0.2088, 0.2116



36.4056, 0.3132, 0.2355



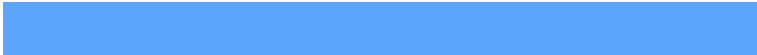
36.4056, 0.4159, 0.4545



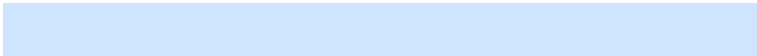
36.4056, 0.2969, 0.4559

Sweetspot

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



36.4068, 0.2088, 0.2116



76.0335, 0.2824, 0.3005



77.1505, 0.2667, 0.4235



15.5855, 0.2777, 0.2957



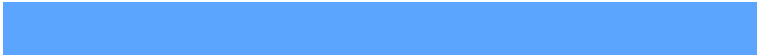
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



36.4068, 0.2088, 0.2116



28.8534, 0.1915, 0.1830



17.6183, 0.1922, 0.1246



18.7159, 0.2979, 0.3155



10.3604, 0.1723, 0.1403



1.2229, 0.1784, 0.1620

Inverse Universe

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



31.6471, 0.4234, 0.2584



26.4432, 0.4598, 0.2532



92.0228, 0.3959, 0.4795



18.1222, 0.3224, 0.3184



11.7739, 0.5187, 0.2631



1.1680, 0.4905, 0.2476

Previews

White Background



This preview shows how the Yxy color 36.4056, 0.2088, 0.2116 looks on a white background.

Color Contrast Check

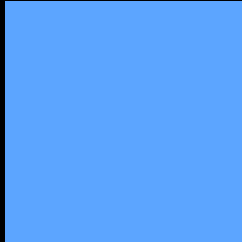
Large Text (above 18pt) WCAG AA × Fail

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 36.4056, 0.2088, 0.2116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

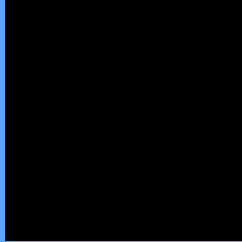
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

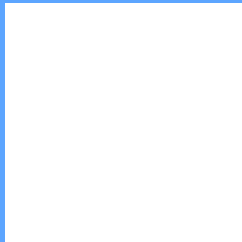
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.4056, 0.2088, 0.2116

Background



This preview shows how black text looks on a background with the Yxy color 36.4056, 0.2088, 0.2116.



This preview shows how white text looks on a background with the Yxy color 36.4056, 0.2088, 0.2116.

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

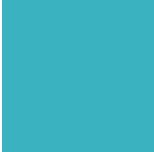
36.4056, 0.2088, 0.2116

Protanopia

36.3030, 0.2275, 0.2142

Deuteranopia

36.3757, 0.2156, 0.2097



Tritanopia

36.5461, 0.2280, 0.3066

Trichromacy



Original Color

36.4056, 0.2088, 0.2116

Protanomaly

36.1678, 0.2200, 0.2130

Deuteranomaly

36.2980, 0.2127, 0.2102

Tritanomaly

36.0955, 0.2194, 0.2663

Monochromacy



Original Color

36.4056, 0.2088, 0.2116

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.6569, 0.2630, 0.2797

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4056, 0.2088, 0.2116 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, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 165, 255)  
}
```

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, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 165, 255) }
```

Border

The CSS property to change the border of an element to Yxy 36.4056, 0.2088, 0.2116 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, 165, 255) }
```

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

```
.border{ border-color:rgb(92, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 165,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4056, 0.2088, 0.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 165, 255) }
```

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

```
.background{ background-color: rgb(92, 165,  
255) }
```

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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