

Converting Colors

$Y_{xy}(28.4765, 0.2089, 0.1994)$

Have a look what the booklet for
Yxy(28.4765, 0.2089, 0.1994)
contains.

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Color

Yxy(28.3949, 0.2085, 0.1985)

Conversions

Conversions Part 1

Format	Color
Hex	5C90EE
RGB	92, 144, 238
RGB Percent	36%, 56%, 93%
CMY	0.6391, 0.4353, 0.0665
CMYK	0.61, 0.40, 0.00, 0.07
HSL	219°, 81%, 65%
HSV	219°, 61%, 93%
XYZ	29.8254, 28.3949, 84.8271
YIQ	139.1680, -61.1660, 18.2100

Conversions

Conversions Part 2

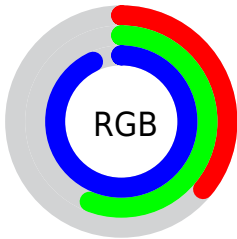
Format	Color
R _Y B	92, 130, 238
Decimal	6066414
CIE Lab	60.24, 11.13, -52.57
CIE LCh	60, 53.741, 281.956
Yxy	28.3949, 0.2085, 0.1985
Android (android.graphics.Color)	4284256494 (0xFF5C90EE)
YUV	139.1680, 48.7242, -41.3663
Hunter-Lab	53.2869, 6.6568, -57.0826

Details

The Yxy color **28.3949, 0.2085, 0.1985** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **54.1061, 0.4328, 0.4275**, and the grayscale version is **25.7159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9248, 0.2466, 0.2600**, and **11.3416, 0.1790, 0.1645** is the 20% darker color. If you saturate the color by 10%, you get **23.0231, 0.1933, 0.1735**, and if you desaturate by 10%, it is **34.7844, 0.2253, 0.2235**.

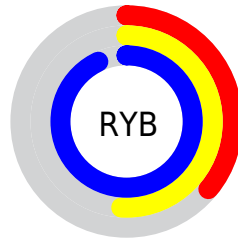
Distribution



Red (36%)

Green (56%)

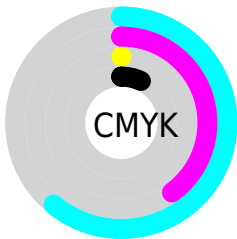
Blue (93%)



Red (36%)

Yellow (51%)

Blue (93%)

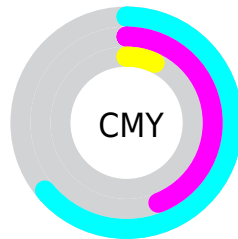


Cyan (61%)

Magenta (40%)

Yellow (0%)

Black (7%)



Cyan (64%)


Magenta (44%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3949, 0.2085, 0.1985 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 28.3949, 0.2085, 0.1985 by changing the saturation by 10% instead.


 28.3949, 0.2085,
0.1985


 28.3949, 0.2085,
0.1985


294.3491, 0.2620,
0.2632


 18.6236, 0.1954,
0.1833


 57.1143, 0.2279,
0.2215


 11.3986, 0.1788,
0.1644


 76.8311, 0.2352,
0.2303

 6.3356, 0.1577,
0.1410


 100.6320, 0.2414,
0.2378

 3.0502, 0.1303,
0.1115

 128.9011, 0.2467,
0.2443

 1.1580, 0.0950,
0.0754

162.0230, 0.2513,
0.2499

 0.0270, 0.0399,
0.0036

200.3820, 0.2553,

 0.0000, 0.0000,

0.2549

0.0000

244.3626, 0.2588,
0.2593

■ 28.3949, 0.2085,
0.1985

■ 28.3949, 0.2085,
0.1985

■ 23.0231, 0.1933,
0.1735

■ 34.7844, 0.2253,
0.2235

■ 18.6034, 0.1804,
0.1496

■ 42.2451, 0.2430,
0.2476


■ 15.0649, 0.1705,
0.1277

■ 50.8299, 0.2608,
0.2703


■ 12.6278, 0.1642,
0.1111

■ 60.5866, 0.2783,
0.2912

■ 71.5605, 0.2950,
0.3101

 83.7940, 0.3107,
0.3269

 96.6279, 0.3229,
0.3418

 98.9553, 0.3226,
0.3453

Harmonies

Analogous

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



28.3949, 0.1720, 0.2114



28.3949, 0.2085, 0.1985



28.3949, 0.2754, 0.2122

Triad

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



28.3949, 0.2085, 0.1985



28.3949, 0.4861, 0.3625



28.3949, 0.2491, 0.4352

Complementary

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



28.3949, 0.2085, 0.1985



54.1061, 0.4328, 0.4275

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.



28.3949, 0.3294, 0.4905



28.3949, 0.2085, 0.1985



28.3949, 0.4689, 0.4253

Square

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



28.3949, 0.2085, 0.1985



28.3949, 0.4470, 0.3013



28.3949, 0.4096, 0.4779



28.3949, 0.1908, 0.3386

Rectangle

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



28.3949, 0.2085, 0.1985



28.3949, 0.3336, 0.2342



28.3949, 0.4096, 0.4779



28.3949, 0.2745, 0.4610

Sweetspot

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



28.3958, 0.2085, 0.1985



74.8761, 0.2839, 0.2976



66.9301, 0.2619, 0.4011



15.2533, 0.2789, 0.2919



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.



28.3958, 0.2085, 0.1985



25.2892, 0.1892, 0.1663



17.2459, 0.2054, 0.1369



16.1492, 0.2980, 0.3134



7.2639, 0.1650, 0.1139



0.7856, 0.1723, 0.1401

Inverse Universe

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



27.8561, 0.4352, 0.2746



26.8977, 0.4775, 0.2706



76.9384, 0.3844, 0.4800



15.8518, 0.3237, 0.3206



10.5266, 0.5553, 0.2833



0.8940, 0.5189, 0.2632

Previews

White Background



This preview shows how the Yxy color 28.3949, 0.2085, 0.1985 looks on a white background.

Color Contrast Check

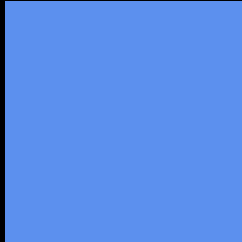
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3949, 0.2085, 0.1985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

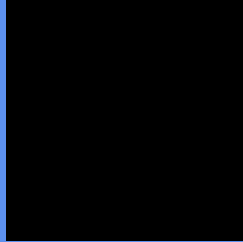
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

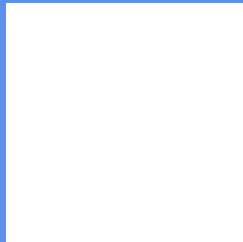
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.3949, 0.2085, 0.1985

Background



This preview shows how black text looks on a background with the Yxy color 28.3949, 0.2085, 0.1985.



This preview shows how white text looks on a background with the Yxy color 28.3949, 0.2085, 0.1985.

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

28.3949, 0.2085, 0.1985

Protanopia

28.2317, 0.2162, 0.1986

Deuteranopia

28.3551, 0.2057, 0.1990



Tritanopia

28.3547, 0.2314, 0.3060

Trichromacy



Original Color

28.3949, 0.2085, 0.1985

Protanomaly

28.2852, 0.2133, 0.1982

Deuteranomaly

28.4986, 0.2070, 0.1994

Tritanomaly

28.1003, 0.2218, 0.2607

Monochromacy



Original Color

28.3949, 0.2085, 0.1985

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.2825, 0.2638, 0.2742

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3949, 0.2085, 0.1985 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, 144, 238)` looks like.

```
.text, #text, p{  
    color:rgb(92, 144, 238)  
}
```

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, 144, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 144, 238) }
```

Border

The CSS property to change the border of an element to Yxy 28.3949, 0.2085, 0.1985 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, 144, 238) }
```

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

```
.border{ border-color:rgb(92, 144, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 144, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 144, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 144, 238);  
box-shadow:4px 4px 4px 4px rgb(92, 144,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3949, 0.2085, 0.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 144, 238) }
```

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

```
.background{ background-color: rgb(92, 144,  
238) }
```

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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