

Converting Colors

$Yxy(31.1667, 0.2085, 0.2011)$

Have a look what the booklet for
Yxy(31.1667, 0.2085, 0.2011)
contains.

Yxy(31.1667, 0.2085, 0.2011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.1667, 0.2085, 0.2011)

Conversions

Conversions Part 1

Format	Color
Hex	5E97F6
RGB	94, 151, 246
RGB Percent	37%, 59%, 96%
CMY	0.6315, 0.4078, 0.0353
CMYK	0.62, 0.39, 0.00, 0.04
HSL	217°, 89%, 67%
HSV	217°, 62%, 96%
XYZ	32.3136, 31.1667, 91.5008
YIQ	144.7870, -64.4670, 17.4610

Conversions

Conversions Part 2

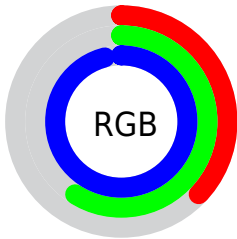
Format	Color
R _Y B	94, 135, 246
Decimal	6199286
CIE Lab	62.65, 9.97, -53.13
CIE LCh	63, 54.061, 280.625
Yxy	31.1667, 0.2085, 0.2011
Android (android.graphics.Color)	4284389366 (0xFF5E97F6)
YUV	144.7870, 49.8980, -44.5402
Hunter-Lab	55.8271, 5.6209, -58.0975

Details

The Yxy color **31.1667, 0.2085, 0.2011** 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 **56.7747, 0.4362, 0.4254**, and the grayscale version is **28.0353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9506, 0.2498, 0.2702**, and **12.9815, 0.1803, 0.1692** is the 20% darker color. If you saturate the color by 10%, you get **25.4394, 0.1936, 0.1767**, and if you desaturate by 10%, it is **37.9552, 0.2250, 0.2254**.

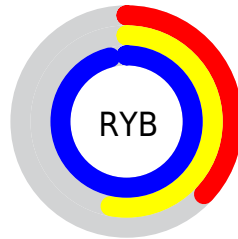
Distribution



Red (37%)

Green (59%)

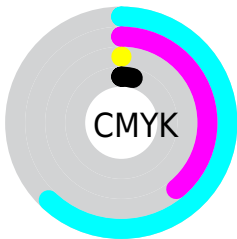
Blue (96%)



Red (37%)

Yellow (53%)

Blue (96%)

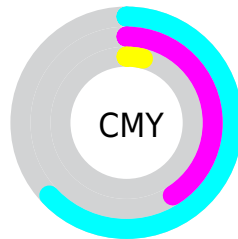


Cyan (62%)

Magenta (39%)

Yellow (0%)

Black (4%)



Cyan (63%)


Magenta (41%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1667, 0.2085, 0.2011 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 31.1667, 0.2085, 0.2011 by changing the saturation by 10% instead.


 31.1667, 0.2085,
0.2011


 31.1667, 0.2085,
0.2011


307.3056, 0.2611,
0.2637


 20.7258, 0.1958,
0.1865


 61.5024, 0.2274,
0.2232


 12.9237, 0.1799,
0.1686

 82.1661, 0.2346,
0.2317

 7.3760, 0.1598,
0.1462


 107.0061, 0.2407,
0.2390

 3.6984, 0.1338,
0.1183

 136.4069, 0.2460,
0.2453

 1.5063, 0.1005,
0.0838

170.7528, 0.2505,
0.2508

 0.2932, 0.0564,
0.0317

210.4283, 0.2545,

 0.0000, 0.0000,

0.2556

0.0000

255.8178, 0.2580,
0.2599

■ 31.1667, 0.2085,
0.2011

■ 31.1667, 0.2085,
0.2011

■ 25.4394, 0.1936,
0.1767

■ 37.9552, 0.2250,
0.2254

■ 20.7044, 0.1811,
0.1533

■ 45.8608, 0.2425,
0.2490

■ 16.8872, 0.1714,
0.1318


■ 54.9386, 0.2601,
0.2711

■ 14.3610, 0.1656,
0.1161

■ 65.2386, 0.2775,
0.2914

■ 76.8078, 0.2942,
0.3098

 89.6904, 0.3100,
0.3262

 99.4338, 0.3179,
0.3376

Harmonies

Analogous

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



31.1667, 0.1738, 0.2153



31.1667, 0.2085, 0.2011



31.1667, 0.2729, 0.2135

Triad

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



31.1667, 0.2085, 0.2011



31.1667, 0.4815, 0.3596



31.1667, 0.2540, 0.4359

Complementary

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



31.1667, 0.2085, 0.2011



56.7747, 0.4362, 0.4254

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.



31.1667, 0.3331, 0.4870



31.1667, 0.2085, 0.2011



31.1667, 0.4674, 0.4213

Square

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



31.1667, 0.2085, 0.2011



31.1667, 0.4408, 0.2997



31.1667, 0.4111, 0.4730



31.1667, 0.1954, 0.3428

Rectangle

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



31.1667, 0.2085, 0.2011



31.1667, 0.3293, 0.2345



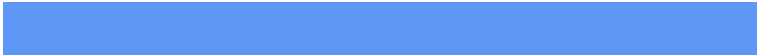
31.1667, 0.4111, 0.4730



31.1667, 0.2791, 0.4601

Sweetspot

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



31.1677, 0.2085, 0.2011



74.1250, 0.2822, 0.2967



71.9079, 0.2628, 0.4054



15.1272, 0.2774, 0.2912



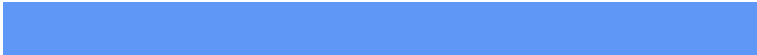
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.1677, 0.2085, 0.2011



26.3097, 0.1904, 0.1711



18.0773, 0.2027, 0.1343



16.9455, 0.2980, 0.3138



7.9128, 0.1664, 0.1191



0.8862, 0.1733, 0.1439

Inverse Universe

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



29.8260, 0.4329, 0.2713



27.0007, 0.4719, 0.2670



83.2559, 0.3866, 0.4801



16.5854, 0.3234, 0.3202



10.8982, 0.5480, 0.2792



0.9771, 0.5139, 0.2605

Previews

White Background



This preview shows how the Yxy color 31.1667, 0.2085, 0.2011 looks on a white background.

Color Contrast Check

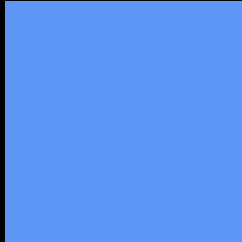
Large Text (above 18pt) WCAG AA × Fail

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 31.1667, 0.2085, 0.2011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

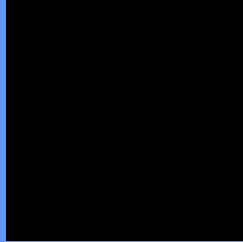
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

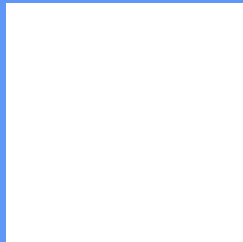
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.1667, 0.2085, 0.2011

Background



This preview shows how black text looks on a background with the Yxy color 31.1667, 0.2085, 0.2011.



This preview shows how white text looks on a background with the Yxy color 31.1667, 0.2085, 0.2011.

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

31.1667, 0.2085, 0.2011

Protanopia

31.2283, 0.2189, 0.2028

Deuteranopia

31.0623, 0.2076, 0.2008



Tritanopia

31.1570, 0.2303, 0.3052

Trichromacy



Original Color

31.1667, 0.2085, 0.2011

Protanomaly

31.1523, 0.2150, 0.2021

Deuteranomaly

31.1142, 0.2081, 0.2010

Tritanomaly

30.8699, 0.2211, 0.2615

Monochromacy



Original Color

31.1667, 0.2085, 0.2011

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.6805, 0.2630, 0.2744

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1667, 0.2085, 0.2011 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(94, 151, 246)` looks like.

```
.text, #text, p{  
    color:rgb(94, 151, 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(94, 151, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 151, 246) }
```

Border

The CSS property to change the border of an element to Yxy 31.1667, 0.2085, 0.2011 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(94, 151, 246) }
```

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

```
.border{ border-color:rgb(94, 151, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 151, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 151, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 151, 246);  
box-shadow:4px 4px 4px 4px rgb(94, 151,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1667, 0.2085, 0.2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 151, 246) }
```

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

```
.background{ background-color: rgb(94, 151,  
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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