

Converting Colors

$Yxy(30.1294, 0.1998, 0.1883)$

Have a look what the booklet for
Yxy(30.1294, 0.1998, 0.1883)
contains.

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Color

Yxy(30.1294, 0.1998, 0.1883)

Conversions

Conversions Part 1

Format	Color
Hex	5294FE
RGB	82, 148, 254
RGB Percent	32%, 58%, 100%
CMY	0.6779, 0.4197, 0.0039
CMYK	0.68, 0.42, 0.00, 0.00
HSL	217°, 99%, 66%
HSV	217°, 68%, 100%
XYZ	31.9695, 30.1294, 97.9085
YIQ	140.3500, -73.3620, 18.9740

Conversions

Conversions Part 2

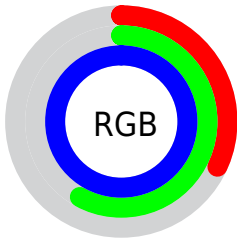
Format	Color
R _Y B	82, 130, 254
Decimal	5412094
CIE Lab	61.77, 12.53, -58.96
CIE LCh	62, 60.279, 281.995
Yxy	30.1294, 0.1998, 0.1883
Android (android.graphics.Color)	4283602174 (0xFF5294FE)
YUV	140.3500, 56.0295, -51.1729
Hunter-Lab	54.8903, 7.9050, -67.3333

Details

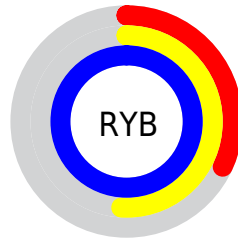
The Yxy color **30.1294, 0.1998, 0.1883** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **57.7288, 0.4505, 0.4304**, and the grayscale version is **26.1813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6641, 0.2444, 0.2657**, and **12.7666, 0.1767, 0.1562** is the 20% darker color. If you saturate the color by 10%, you get **24.6052, 0.1863, 0.1646**, and if you desaturate by 10%, it is **36.7426, 0.2154, 0.2125**.

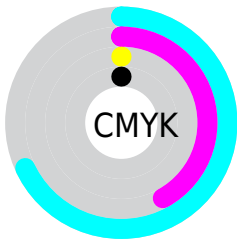
Distribution



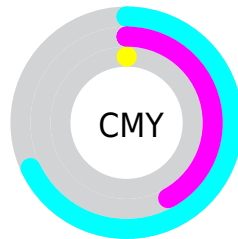
- Red (32%)
- Green (58%)
- Blue (100%)



- Red (32%)
- Yellow (51%)
- Blue (100%)



- Cyan (68%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (68%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.1294, 0.1998, 0.1883 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 30.1294, 0.1998, 0.1883 by changing the saturation by 10% instead.


 30.1294, 0.1998,
0.1883


 30.1294, 0.1998,
0.1883


302.5071, 0.2566,
0.2564

 19.9368, 0.1863,
0.1728


 59.8668, 0.2201,
0.2121

 12.3491, 0.1696,
0.1540


 80.1803, 0.2278,
0.2213

 6.9819, 0.1486,
0.1310


 104.6364, 0.2344,
0.2292

 3.4508, 0.1221,
0.1029

 133.6192, 0.2401,
0.2361

 1.3714, 0.0891,
0.0695

167.5134, 0.2450,
0.2422

 0.1955, 0.0469,
0.0187

206.7031, 0.2494,

 0.0000, 0.0000,

0.2475

0.0000

251.5729, 0.2532,
0.2522

■ 30.1294, 0.1998,
0.1883

■ 30.1294, 0.1998,
0.1883

■ 24.6052, 0.1863,
0.1646

■ 36.7426, 0.2154,
0.2125

■ 20.0913, 0.1755,
0.1423

■ 44.5086, 0.2323,
0.2364

■ 16.4955, 0.1677,
0.1223

■ 53.4888, 0.2498,
0.2591

■ 15.7616, 0.1661,
0.1180

■ 63.7388, 0.2674,
0.2803

■ 75.3104, 0.2845,
0.2996

■ 88.2524, 0.3009,
0.3170

99.9367, 0.3133,
0.3299

Harmonies

Analogous

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



30.1294, 0.1611, 0.2013



30.1294, 0.1998, 0.1883



30.1294, 0.2715, 0.2032

Triad

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



30.1294, 0.1998, 0.1883



30.1294, 0.5023, 0.3627



30.1294, 0.2421, 0.4471

Complementary

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



30.1294, 0.1998, 0.1883



57.7288, 0.4505, 0.4304

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.



30.1294, 0.3287, 0.5080



30.1294, 0.1998, 0.1883



30.1294, 0.4814, 0.4306

Square

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



30.1294, 0.1998, 0.1883



30.1294, 0.4604, 0.2979



30.1294, 0.4157, 0.4904



30.1294, 0.1800, 0.3384

Rectangle

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



30.1294, 0.1998, 0.1883



30.1294, 0.3351, 0.2266



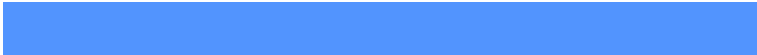
30.1294, 0.4157, 0.4904



30.1294, 0.2694, 0.4761

Sweetspot

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



30.1303, 0.1998, 0.1883



73.1193, 0.2806, 0.2952



76.3301, 0.2607, 0.4144



14.9379, 0.2758, 0.2899



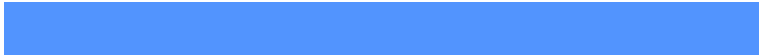
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



30.1303, 0.1998, 0.1883



23.1853, 0.1824, 0.1569



16.0495, 0.1915, 0.1163



18.5183, 0.2979, 0.3139



8.5716, 0.1669, 0.1210



1.0380, 0.1732, 0.1434

Inverse Universe

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



29.2676, 0.4494, 0.2671



24.9581, 0.4924, 0.2661



88.9909, 0.3910, 0.4907



18.1022, 0.3234, 0.3199



11.5933, 0.5453, 0.2778



1.1493, 0.5146, 0.2608

Previews

White Background



This preview shows how the Yxy color 30.1294, 0.1998, 0.1883 looks on a white background.

Color Contrast Check

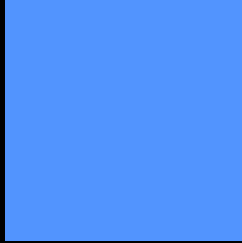
Large Text (above 18pt) WCAG AA × Fail

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 30.1294, 0.1998, 0.1883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

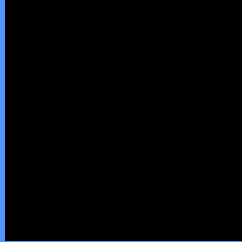
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

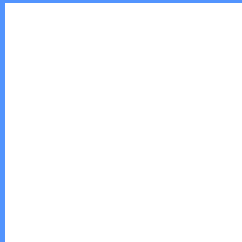
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.1294, 0.1998, 0.1883

Background



This preview shows how black text looks on a background with the Yxy color 30.1294, 0.1998, 0.1883.



This preview shows how white text looks on a background with the Yxy color 30.1294, 0.1998, 0.1883.

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

30.1294, 0.1998, 0.1883

Protanopia

30.0994, 0.2090, 0.1898

Deuteranopia

30.2705, 0.1963, 0.1897



Tritanopia

29.9247, 0.2199, 0.3044

Trichromacy



Original Color

30.1294, 0.1998, 0.1883

Protanomaly

30.0189, 0.2051, 0.1891

Deuteranomaly

30.1065, 0.1973, 0.1888

Tritanomaly

29.4235, 0.2090, 0.2524

Monochromacy



Original Color

30.1294, 0.1998, 0.1883

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.9031, 0.2571, 0.2684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1294, 0.1998, 0.1883 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(82, 148, 254)` looks like.

```
.text, #text, p{  
    color:rgb(82, 148, 254)  
}
```

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(82, 148, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 148, 254) }
```

Border

The CSS property to change the border of an element to Yxy 30.1294, 0.1998, 0.1883 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(82, 148, 254) }
```

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

```
.border{ border-color:rgb(82, 148, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 148, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 148, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 148, 254);  
box-shadow:4px 4px 4px 4px rgb(82, 148,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1294, 0.1998, 0.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 148, 254) }
```

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

```
.background{ background-color: rgb(82, 148,  
254) }
```

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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