

Converting Colors

$Y_{xy}(26.2154, 0.1984, 0.1714)$

Have a look what the booklet for
Yxy(26.2154, 0.1984, 0.1714)
contains.

Yxy(26.2659, 0.1985, 0.1716)	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(26.2659, 0.1985, 0.1716)

Conversions

Conversions Part 1

Format	Color
Hex	5986FD
RGB	89, 134, 253
RGB Percent	35%, 53%, 99%
CMY	0.6506, 0.4746, 0.0078
CMYK	0.65, 0.47, 0.00, 0.01
HSL	224°, 98%, 67%
HSV	224°, 65%, 99%
XYZ	30.3833, 26.2659, 96.4154
YIQ	134.1110, -65.0190, 27.4690

Conversions

Conversions Part 2

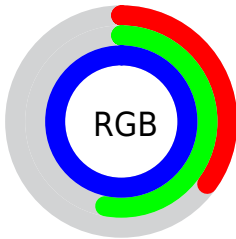
Format	Color
R _Y B	89, 124, 253
Decimal	5867261
CIE Lab	58.29, 21.67, -63.97
CIE LCh	58, 67.541, 288.711
Yxy	26.2659, 0.1985, 0.1716
Android (android.graphics.Color)	4284057341 (0xFF5986FD)
YUV	134.1110, 58.6123, -39.5623
Hunter-Lab	51.2503, 16.1344, -75.6651

Details

The Yxy color **26.2659, 0.1985, 0.1716** 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 **66.7874, 0.4309, 0.4434**, and the grayscale version is **23.6890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5330, 0.2447, 0.2476**, and **10.4825, 0.1710, 0.1357** is the 20% darker color. If you saturate the color by 10%, you get **20.5767, 0.1831, 0.1447**, and if you desaturate by 10%, it is **33.2691, 0.2160, 0.1995**.

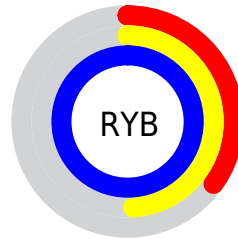
Distribution



Red (35%)

Green (53%)

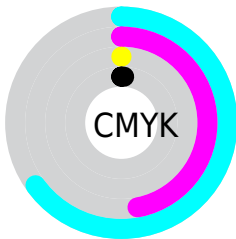
Blue (99%)



Red (35%)

Yellow (49%)

Blue (99%)

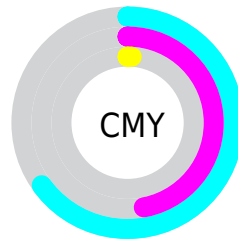


Cyan (65%)

Magenta (47%)

Yellow (0%)

Black (1%)



Cyan (65%)


Magenta (47%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2659, 0.1985, 0.1716 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 26.2659, 0.1985, 0.1716 by changing the saturation by 10% instead.

 26.2659, 0.1985,
0.1716


 26.2659, 0.1985,
0.1716


284.0849, 0.2571,
0.2472


 17.0227, 0.1843,
0.1547


 53.7036, 0.2196,
0.1977

 10.2507, 0.1668,
0.1345


 72.6669, 0.2277,
0.2080

 5.5655, 0.1447,
0.1102


 95.6389, 0.2345,
0.2168

 2.5827, 0.1169,
0.0816

 123.0041, 0.2403,
0.2245

 0.9180, 0.0825,
0.0494

155.1470, 0.2454,
0.2312

 0.0000, 0.0355,
0.0000

192.4518, 0.2498,

 0.0000, 0.0000,

0.2372

0.0000

235.3030, 0.2537,
0.2424

■ 26.2659, 0.1985,
0.1716

■ 26.2659, 0.1985,
0.1716

■ 20.5767, 0.1831,
0.1447

■ 33.2691, 0.2160,
0.1995

■ 16.1073, 0.1707,
0.1204

■ 41.6660, 0.2345,
0.2272

■ 12.7520, 0.1619,
0.0998

■ 51.5321, 0.2533,
0.2536

■ 11.3845, 0.1586,
0.0908

■ 62.9364, 0.2717,
0.2782

■ 75.9436, 0.2891,
0.3004

■ 90.6143, 0.3054,
0.3203

99.8733, 0.3139,
0.3309

Harmonies

Analogous

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



26.2659, 0.1485, 0.1773



26.2659, 0.1985, 0.1716



26.2659, 0.2873, 0.1944

Triad

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



26.2659, 0.1985, 0.1716



26.2659, 0.5313, 0.3781



26.2659, 0.2099, 0.4426

Complementary

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



26.2659, 0.1985, 0.1716



66.7874, 0.4309, 0.4434

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.



26.2659, 0.3032, 0.5353



26.2659, 0.1985, 0.1716



26.2659, 0.4887, 0.4554

Square

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



26.2659, 0.1985, 0.1716



26.2659, 0.5026, 0.3062



26.2659, 0.4040, 0.5244



26.2659, 0.1509, 0.3099

Rectangle

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



26.2659, 0.1985, 0.1716



26.2659, 0.3643, 0.2237



26.2659, 0.4040, 0.5244



26.2659, 0.2383, 0.4834

Sweetspot

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



26.2667, 0.1985, 0.1716



71.5109, 0.2819, 0.2913



76.8777, 0.2545, 0.3877



14.5021, 0.2769, 0.2849



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.



26.2667, 0.1985, 0.1716



19.3375, 0.1788, 0.1365



18.5844, 0.2074, 0.1297



18.1871, 0.2979, 0.3112



6.2616, 0.1593, 0.0934



0.7825, 0.1652, 0.1148

Inverse Universe

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



29.7679, 0.4658, 0.2865



25.2362, 0.5164, 0.2864



85.8170, 0.3774, 0.4929



18.0688, 0.3251, 0.3225



11.3601, 0.5859, 0.3001



1.1235, 0.5540, 0.2825

Previews

White Background



This preview shows how the Yxy color 26.2659, 0.1985, 0.1716 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 26.2659, 0.1985, 0.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

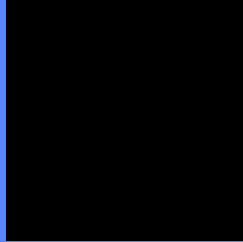
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2659, 0.1985, 0.1716

Background



This preview shows how black text looks on a background with the Yxy color 26.2659, 0.1985, 0.1716.



This preview shows how white text looks on a background with the Yxy color 26.2659, 0.1985, 0.1716.

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

26.2659, 0.1985, 0.1716

Protanopia

26.1892, 0.1948, 0.1708

Deuteranopia

26.4126, 0.1836, 0.1777



Tritanopia

26.2217, 0.2238, 0.3067

Trichromacy



Original Color

26.2659, 0.1985, 0.1716

Protanomaly

26.3227, 0.1960, 0.1713

Deuteranomaly

25.9858, 0.1858, 0.1739

Tritanomaly

25.7569, 0.2111, 0.2449

Monochromacy



Original Color

26.2659, 0.1985, 0.1716

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.0761, 0.2574, 0.2589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2659, 0.1985, 0.1716 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(89, 134, 253)` looks like.

```
.text, #text, p{  
  color:rgb(89, 134, 253)  
}
```

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(89, 134, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 134, 253) }
```

Border

The CSS property to change the border of an element to Yxy 26.2659, 0.1985, 0.1716 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(89, 134, 253) }
```

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

```
.border{ border-color:rgb(89, 134, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 134, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 134, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 134, 253);  
box-shadow:4px 4px 4px 4px rgb(89, 134,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2659, 0.1985, 0.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 134, 253) }
```

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

```
.background{ background-color: rgb(89, 134,  
253) }
```

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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