

Converting Colors

$Y_{xy}(26.7861, 0.2017, 0.1712)$

Have a look what the booklet for
Yxy(26.7861, 0.2017, 0.1712)
contains.

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Color

Yxy(26.8669, 0.2019, 0.1716)

Conversions

Conversions Part 1

Format	Color
Hex	6286FF
RGB	98, 134, 255
RGB Percent	38%, 53%, 100%
CMY	0.6154, 0.4745, 0.0002
CMYK	0.62, 0.47, 0.00, 0.00
HSL	226°, 100%, 69%
HSV	226°, 62%, 100%
XYZ	31.6109, 26.8669, 98.0892
YIQ	137.0300, -60.2970, 29.9990

Conversions

Conversions Part 2

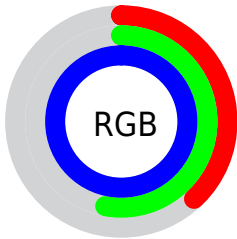
Format	Color
R _Y B	98, 127, 255
Decimal	6457087
CIE Lab	58.85, 23.79, -64.11
CIE LCh	59, 68.377, 290.357
Yxy	26.8669, 0.2019, 0.1716
Android (android.graphics.Color)	4284647167 (0xFF6286FF)
YUV	137.0300, 58.1592, -34.2293
Hunter-Lab	51.8333, 18.1512, -75.9170

Details

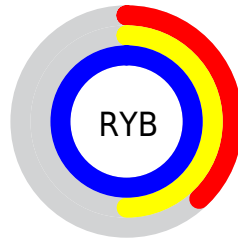
The Yxy color **26.8669, 0.2019, 0.1716** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **72.8086, 0.4204, 0.4451**, and the grayscale version is **24.8274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3377, 0.2495, 0.2486**, and **10.5347, 0.1710, 0.1350** is the 20% darker color. If you saturate the color by 10%, you get **20.7293, 0.1853, 0.1433**, and if you desaturate by 10%, it is **34.4675, 0.2204, 0.2010**.

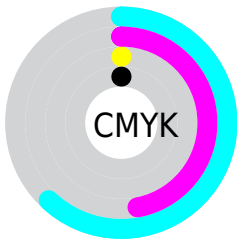
Distribution



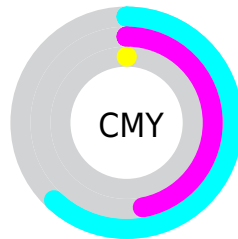
- Red (38%)
- Green (53%)
- Blue (100%)



- Red (38%)
- Yellow (50%)
- Blue (100%)



- Cyan (62%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (62%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8669, 0.2019, 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 26.8669, 0.2019, 0.1716 by changing the saturation by 10% instead.


 26.8669, 0.2019,
0.1716


 26.8669, 0.2019,
0.1716


287.0121, 0.2588,
0.2467


 17.4733, 0.1881,
0.1549


 54.6702, 0.2224,
0.1975

 10.5725, 0.1710,
0.1349


 73.8487, 0.2302,
0.2077

 5.7802, 0.1494,
0.1110


 97.0576, 0.2368,
0.2165

 2.7119, 0.1222,
0.0827

124.6813, 0.2425,
0.2241

 0.9832, 0.0882,
0.0508

157.1042, 0.2474,
0.2308

 0.0000, 0.0447,
0.0000

194.7107, 0.2517,

 0.0000, 0.0000,

0.2367

0.0000

237.8852, 0.2555,
0.2420

■ 26.8669, 0.2019,
0.1716

■ 26.8669, 0.2019,
0.1716

■ 20.7293, 0.1853,
0.1433

■ 34.4675, 0.2204,
0.2010

■ 15.9516, 0.1716,
0.1176

■ 43.6191, 0.2396,
0.2300

■ 12.4195, 0.1617,
0.0961

■ 54.4053, 0.2588,
0.2575

■ 10.2833, 0.1561,
0.0820

■ 66.9027, 0.2773,
0.2829

■ 81.1833, 0.2945,
0.3058

97.3143, 0.3104,
0.3261

99.9971, 0.3127,
0.3290

Harmonies

Analogous

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



26.8669, 0.1498, 0.1756



26.8669, 0.2019, 0.1716



26.8669, 0.2931, 0.1959

Triad

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



26.8669, 0.2019, 0.1716



26.8669, 0.5315, 0.3822



26.8669, 0.2051, 0.4358

Complementary

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



26.8669, 0.2019, 0.1716



72.8086, 0.4204, 0.4451

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.



26.8669, 0.2974, 0.5340



26.8669, 0.2019, 0.1716



26.8669, 0.4854, 0.4600

Square

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



26.8669, 0.2019, 0.1716



26.8669, 0.5071, 0.3098



26.8669, 0.3988, 0.5279



26.8669, 0.1483, 0.3032

Rectangle

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



26.8669, 0.2019, 0.1716



26.8669, 0.3711, 0.2262



26.8669, 0.3988, 0.5279



26.8669, 0.2330, 0.4780

Sweetspot

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



26.8677, 0.2019, 0.1716



71.7734, 0.2835, 0.2913



79.1721, 0.2527, 0.3740



14.5057, 0.2784, 0.2844



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.



26.8677, 0.2019, 0.1716



19.4373, 0.1816, 0.1366



21.5319, 0.2189, 0.1419



18.0526, 0.2979, 0.3101



5.5594, 0.1568, 0.0844



0.6978, 0.1624, 0.1046

Inverse Universe

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



31.7205, 0.4635, 0.2946



26.3069, 0.5135, 0.2937



86.5384, 0.3701, 0.4895



18.0552, 0.3258, 0.3236



11.2892, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 26.8669, 0.2019, 0.1716 looks on a white background.

Color Contrast Check

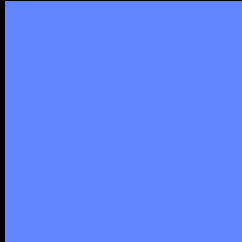
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8669, 0.2019, 0.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

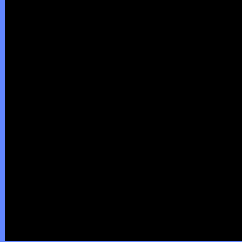
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8669, 0.2019, 0.1716

Background



This preview shows how black text looks on a background with the Yxy color 26.8669, 0.2019, 0.1716.



This preview shows how white text looks on a background with the Yxy color 26.8669, 0.2019, 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

26.8669, 0.2019, 0.1716

Protanopia

26.9503, 0.1963, 0.1731

Deuteranopia

26.9564, 0.1846, 0.1778



Tritanopia

26.7134, 0.2298, 0.3054

Trichromacy



Original Color

26.8669, 0.2019, 0.1716

Protanomaly

26.9030, 0.1980, 0.1725

Deuteranomaly

26.6420, 0.1878, 0.1744

Tritanomaly

26.3306, 0.2170, 0.2448

Monochromacy



Original Color

26.8669, 0.2019, 0.1716

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1146, 0.2598, 0.2588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8669, 0.2019, 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(98, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(98, 134, 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(98, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 134, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.8669, 0.2019, 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(98, 134, 255) }
```

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

```
.border{ border-color:rgb(98, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 134,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8669, 0.2019, 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(98, 134, 255) }
```

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

```
.background{ background-color: rgb(98, 134,  
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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