

Converting Colors

$Y_{xy}(26.7289, 0.1956, 0.1722)$

Have a look what the booklet for
Yxy(26.7289, 0.1956, 0.1722)
contains.

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Color

Yxy(26.6222, 0.1956, 0.1716)

Conversions

Conversions Part 1

Format	Color
Hex	5288FF
RGB	82, 136, 255
RGB Percent	32%, 53%, 100%
CMY	0.6779, 0.4668, 0.0000
CMYK	0.68, 0.47, 0.00, 0.00
HSL	221°, 100%, 66%
HSV	221°, 68%, 100%
XYZ	30.3456, 26.6222, 98.1732
YIQ	133.4200, -70.3830, 25.5610

Conversions

Conversions Part 2

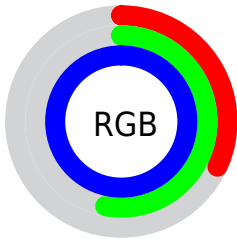
Format	Color
R _Y B	82, 123, 255
Decimal	5409023
CIE Lab	58.62, 20.08, -64.55
CIE LCh	59, 67.607, 287.282
Yxy	26.6222, 0.1956, 0.1716
Android (android.graphics.Color)	4283599103 (0xFF5288FF)
YUV	133.4200, 59.9389, -45.0953
Hunter-Lab	51.5967, 14.6870, -76.6936

Details

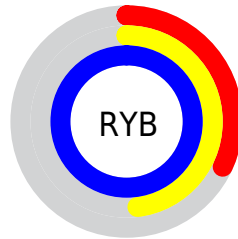
The Yxy color **26.6222, 0.1956, 0.1716** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **63.7168, 0.4412, 0.4414**, and the grayscale version is **23.4222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9111, 0.2422, 0.2495**, and **10.8476, 0.1717, 0.1381** is the 20% darker color. If you saturate the color by 10%, you get **21.1345, 0.1814, 0.1461**, and if you desaturate by 10%, it is **33.3421, 0.2121, 0.1983**.

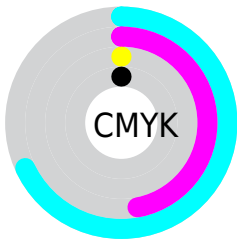
Distribution



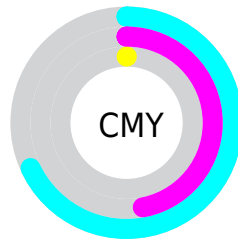
- Red (32%)
- Green (53%)
- Blue (100%)



- Red (32%)
- Yellow (48%)
- Blue (100%)



- Cyan (68%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)




- Cyan (68%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6222, 0.1956, 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 26.6222, 0.1956, 0.1716 by changing the saturation by 10% instead.


 26.6222, 0.1956,
0.1716


 26.6222, 0.1956,
0.1716


285.8232, 0.2554,
0.2471


 17.2897, 0.1813,
0.1548


 54.2770, 0.2171,
0.1977

 10.4412, 0.1636,
0.1346


 73.3681, 0.2252,
0.2079

 5.6925, 0.1414,
0.1105


 96.4809, 0.2322,
0.2168

 2.6590, 0.1137,
0.0819

 123.9997, 0.2381,
0.2244

 0.9564, 0.0798,
0.0499

156.3089, 0.2433,
0.2312

 0.0000, 0.0339,
0.0000

193.7930, 0.2478,

 0.0000, 0.0000,

0.2371

0.0000

236.8363, 0.2518,
0.2424

■ 26.6222, 0.1956,
0.1716

■ 26.6222, 0.1956,
0.1716

■ 21.1345, 0.1814,
0.1461

■ 33.3421, 0.2121,
0.1983

■ 16.7936, 0.1702,
0.1229

■ 41.3769, 0.2299,
0.2248

■ 13.4893, 0.1623,
0.1031

■ 50.7967, 0.2483,
0.2503

■ 12.8737, 0.1609,
0.0992

■ 61.6675, 0.2665,
0.2741

■ 74.0507, 0.2841,
0.2958

■ 88.0040, 0.3006,
0.3153

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.6222, 0.1474, 0.1788



26.6222, 0.1956, 0.1716



26.6222, 0.2823, 0.1931

Triad

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



26.6222, 0.1956, 0.1716



26.6222, 0.5311, 0.3746



26.6222, 0.2141, 0.4483

Complementary

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



26.6222, 0.1956, 0.1716



63.7168, 0.4412, 0.4414

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.



26.6222, 0.3081, 0.5362



26.6222, 0.1956, 0.1716



26.6222, 0.4915, 0.4515

Square

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



26.6222, 0.1956, 0.1716



26.6222, 0.4986, 0.3031



26.6222, 0.4084, 0.5214



26.6222, 0.1532, 0.3157

Rectangle

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



26.6222, 0.1956, 0.1716



26.6222, 0.3584, 0.2216



26.6222, 0.4084, 0.5214



26.6222, 0.2430, 0.4880

Sweetspot

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



26.6209, 0.1956, 0.1716



71.1836, 0.2803, 0.2912



77.5019, 0.2558, 0.3988



14.4784, 0.2754, 0.2852



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.



26.6209, 0.1956, 0.1716



19.6218, 0.1774, 0.1383



16.8398, 0.1982, 0.1192



18.3007, 0.2979, 0.3122



6.9594, 0.1617, 0.1021



0.8626, 0.1678, 0.1242

Inverse Universe

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



29.0911, 0.4678, 0.2794



24.5983, 0.5157, 0.2802



87.8680, 0.3830, 0.4962



18.0803, 0.3245, 0.3216



11.4305, 0.5728, 0.2929



1.1316, 0.5408, 0.2753

Previews

White Background



This preview shows how the Yxy color 26.6222, 0.1956, 0.1716 looks on a white background.

Color Contrast Check

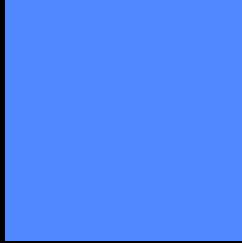
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6222, 0.1956, 0.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

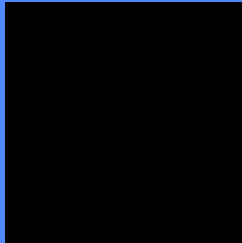
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

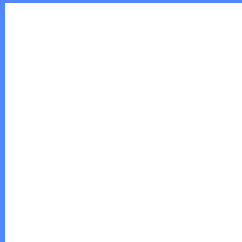
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6222, 0.1956, 0.1716

Background



This preview shows how black text looks on a background with the Yxy color 26.6222, 0.1956, 0.1716.



This preview shows how white text looks on a background with the Yxy color 26.6222, 0.1956, 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

26.6222, 0.1956, 0.1716

Protanopia

26.5776, 0.1952, 0.1715

Deuteranopia

26.7368, 0.1826, 0.1772



Tritanopia

26.6041, 0.2185, 0.3067

Trichromacy



Original Color

26.6222, 0.1956, 0.1716

Protanomaly

26.5776, 0.1952, 0.1715

Deuteranomaly

26.1879, 0.1837, 0.1730

Tritanomaly

25.9410, 0.2045, 0.2444

Monochromacy



Original Color

26.6222, 0.1956, 0.1716

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.8694, 0.2548, 0.2584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6222, 0.1956, 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(82, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 136, 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(82, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 136, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.6222, 0.1956, 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(82, 136, 255) }
```

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

```
.border{ border-color:rgb(82, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 136,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6222, 0.1956, 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(82, 136, 255) }
```

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

```
.background{ background-color: rgb(82, 136,  
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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