

Converting Colors

$Y_{xy}(26.4908, 0.1980, 0.1913)$

Have a look what the booklet for
Yxy(26.4908, 0.1980, 0.1913)
contains.

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Color

Yxy(26.4880, 0.1980, 0.1913)

Conversions

Conversions Part 1

Format	Color
Hex	458DEE
RGB	69, 141, 238
RGB Percent	27%, 55%, 93%
CMY	0.7291, 0.4471, 0.0666
CMYK	0.71, 0.41, 0.00, 0.07
HSL	214°, 83%, 60%
HSV	214°, 71%, 93%
XYZ	27.4157, 26.4880, 84.5594
YIQ	130.5300, -74.0490, 14.9030

Conversions

Conversions Part 2

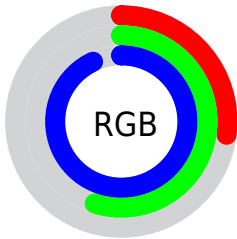
Format	Color
R _Y B	69, 119, 238
Decimal	4558318
CIE Lab	58.50, 9.25, -55.39
CIE LCh	58, 56.160, 279.483
Yxy	26.4880, 0.1980, 0.1913
Android (android.graphics.Color)	4282748398 (0xFF458DEE)
YUV	130.5300, 52.9827, -53.9618
Hunter-Lab	51.4665, 5.0189, -61.3869

Details

The Yxy color **26.4880, 0.1980, 0.1913** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **45.9140, 0.4638, 0.4260**, and the grayscale version is **22.3561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9545, 0.2364, 0.2545**, and **10.9905, 0.1780, 0.1608** is the 20% darker color. If you saturate the color by 10%, you get **22.0001, 0.1858, 0.1692**, and if you desaturate by 10%, it is **31.8240, 0.2124, 0.2139**.

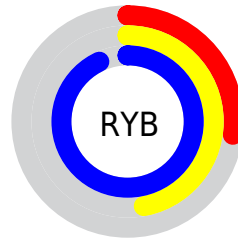
Distribution



Red (27%)

Green (55%)

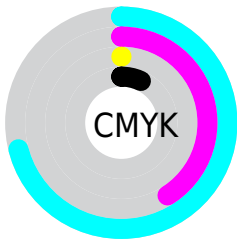
Blue (93%)



Red (27%)

Yellow (47%)

Blue (93%)

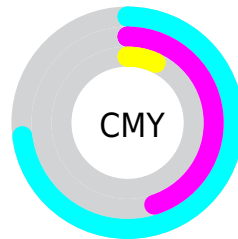


Cyan (71%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (73%)


Magenta (45%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4880, 0.1980, 0.1913 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 26.4880, 0.1980, 0.1913 by changing the saturation by 10% instead.


 26.4880, 0.1980,
0.1913


 26.4880, 0.1980,
0.1913


285.1695, 0.2568,
0.2599


 17.1891, 0.1837,
0.1751


 54.0612, 0.2193,
0.2157

 10.3694, 0.1657,
0.1553


 73.1042, 0.2273,
0.2250

 5.6446, 0.1430,
0.1306


 96.1641, 0.2342,
0.2330

 2.6302, 0.1141,
0.1002

 123.6251, 0.2400,
0.2399

 0.9419, 0.0780,
0.0638

155.8718, 0.2451,
0.2459

 0.0000, 0.0095,
0.0000

193.2885, 0.2495,

 0.0000, 0.0000,

0.2511

0.0000

236.2596, 0.2534,
0.2558

■ 26.4880, 0.1980,
0.1913

■ 26.4880, 0.1980,
0.1913

■ 22.0001, 0.1858,
0.1692

■ 31.8240, 0.2124,
0.2139

■ 18.2951, 0.1762,
0.1484

■ 38.0599, 0.2283,
0.2362

■ 15.5432, 0.1698,
0.1312

■ 45.2453, 0.2451,
0.2576

■ 53.4248, 0.2622,
0.2776

■ 62.6398, 0.2792,
0.2961

■ 72.9292, 0.2956,
0.3127

■ 84.3294, 0.3112,
0.3276

■ 96.0152, 0.3230,
0.3410

■ 98.9533, 0.3226,
0.3454

Harmonies

Analogous

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



26.4880, 0.1626, 0.2068



26.4880, 0.1980, 0.1913



26.4880, 0.2657, 0.2037

Triad

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



26.4880, 0.1980, 0.1913



26.4880, 0.4964, 0.3572



26.4880, 0.2507, 0.4511

Complementary

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



26.4880, 0.1980, 0.1913



45.9140, 0.4638, 0.4260

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.



26.4880, 0.3364, 0.5040



26.4880, 0.1980, 0.1913



26.4880, 0.4814, 0.4237

Square

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



26.4880, 0.1980, 0.1913



26.4880, 0.4503, 0.2939



26.4880, 0.4204, 0.4829



26.4880, 0.1870, 0.3472

Rectangle

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



26.4880, 0.1980, 0.1913



26.4880, 0.3265, 0.2255



26.4880, 0.4204, 0.4829



26.4880, 0.2780, 0.4773

Sweetspot

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



26.4888, 0.1980, 0.1913



73.1441, 0.2790, 0.2959



65.1292, 0.2638, 0.4316



14.9907, 0.2744, 0.2909



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.



26.4888, 0.1980, 0.1913



23.7416, 0.1813, 0.1600



12.1595, 0.1815, 0.1056



16.3350, 0.2980, 0.3151



8.9156, 0.1706, 0.1340



0.9349, 0.1777, 0.1597

Inverse Universe

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



24.3667, 0.4478, 0.2586



24.2881, 0.4901, 0.2588



77.8714, 0.3992, 0.4914



15.8705, 0.3226, 0.3190



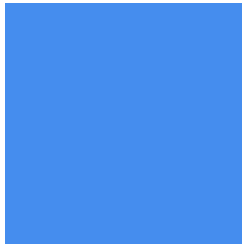
10.6934, 0.5271, 0.2677



0.9091, 0.4935, 0.2492

Previews

White Background



This preview shows how the Yxy color 26.4880, 0.1980, 0.1913 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 26.4880, 0.1980, 0.1913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

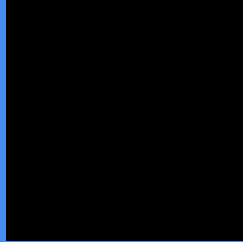
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

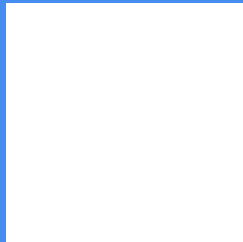
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4880, 0.1980, 0.1913

Background



This preview shows how black text looks on a background with the Yxy color 26.4880, 0.1980, 0.1913.



This preview shows how white text looks on a background with the Yxy color 26.4880, 0.1980, 0.1913.

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

26.4880, 0.1980, 0.1913

Protanopia

26.4845, 0.2115, 0.1935

Deuteranopia

26.4517, 0.1976, 0.1912



Tritanopia

26.2698, 0.2180, 0.3048

Trichromacy



Original Color

26.4880, 0.1980, 0.1913

Protanomaly

26.2498, 0.2059, 0.1922

Deuteranomaly

26.4517, 0.1976, 0.1912

Tritanomaly

25.8696, 0.2070, 0.2558

Monochromacy



Original Color

26.4880, 0.1980, 0.1913

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.4184, 0.2543, 0.2695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4880, 0.1980, 0.1913 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(69, 141, 238)` looks like.

```
.text, #text, p{  
    color:rgb(69, 141, 238)  
}
```

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(69, 141, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 141, 238) }
```

Border

The CSS property to change the border of an element to Yxy 26.4880, 0.1980, 0.1913 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(69, 141, 238) }
```

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

```
.border{ border-color:rgb(69, 141, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 141, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 141, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 141, 238);  
box-shadow:4px 4px 4px 4px rgb(69, 141,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4880, 0.1980, 0.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 141, 238) }
```

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

```
.background{ background-color: rgb(69, 141,  
238) }
```

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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