

Converting Colors

$Y_{xy}(26.6185, 0.1922, 0.1723)$

Have a look what the booklet for
Yxy(26.6185, 0.1922, 0.1723)
contains.

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Color

Yxy(26.7366, 0.1923, 0.1729)

Conversions

Conversions Part 1

Format	Color
Hex	478AFF
RGB	71, 138, 255
RGB Percent	28%, 54%, 100%
CMY	0.7211, 0.4588, 0.0002
CMYK	0.72, 0.46, 0.00, 0.00
HSL	218°, 100%, 64%
HSV	218°, 72%, 100%
XYZ	29.7365, 26.7366, 98.1631
YIQ	131.3050, -77.4890, 22.1830

Conversions

Conversions Part 2

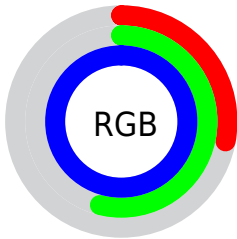
Format	Color
R _Y B	71, 120, 255
Decimal	4688639
CIE Lab	58.73, 17.32, -64.36
CIE LCh	59, 66.654, 285.063
Yxy	26.7366, 0.1923, 0.1729
Android (android.graphics.Color)	4282878719 (0xFF478AFF)
YUV	131.3050, 60.9816, -52.8875
Hunter-Lab	51.7074, 12.1659, -76.3628

Details

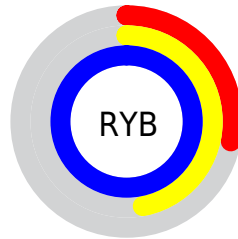
The Yxy color **26.7366, 0.1923, 0.1729** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **57.7032, 0.4573, 0.4371**, and the grayscale version is **22.6205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0571, 0.2383, 0.2511**, and **11.1760, 0.1726, 0.1413** is the 20% darker color. If you saturate the color by 10%, you get **21.6539, 0.1798, 0.1492**, and if you desaturate by 10%, it is **32.9201, 0.2073, 0.1977**.

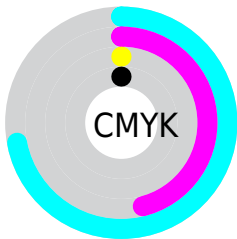
Distribution



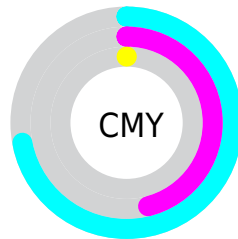
- Red (28%)
- Green (54%)
- Blue (100%)



- Red (28%)
- Yellow (47%)
- Blue (100%)



- Cyan (72%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)




- Cyan (72%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7366, 0.1923, 0.1729 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 26.7366, 0.1923, 0.1729 by changing the saturation by 10% instead.


 26.7366, 0.1923,
0.1729


 26.7366, 0.1923,
0.1729


286.3795, 0.2535,
0.2481


 17.3755, 0.1777,
0.1561


 54.4609, 0.2142,
0.1989


 10.5026, 0.1598,
0.1359


 73.5929, 0.2225,
0.2091

 5.7334, 0.1374,
0.1117


 96.7506, 0.2297,
0.2179

 2.6837, 0.1096,
0.0830

 124.3185, 0.2358,
0.2255

 0.9689, 0.0758,
0.0508

156.6810, 0.2411,
0.2322

 0.0000, 0.0285,
0.0000

194.2224, 0.2457,

 0.0000, 0.0000,

0.2381

0.0000

237.3271, 0.2498,
0.2434

■ 26.7366, 0.1923,
0.1729

■ 26.7366, 0.1923,
0.1729

■ 21.6539, 0.1798,
0.1492

■ 32.9201, 0.2073,
0.1977

■ 17.5846, 0.1702,
0.1277

■ 40.2759, 0.2239,
0.2225

■ 15.0038, 0.1646,
0.1126

■ 48.8708, 0.2415,
0.2465

■ 58.7655, 0.2594,
0.2692

■ 70.0162, 0.2769,
0.2900

■ 82.6754, 0.2937,
0.3089

■ 96.7928, 0.3095,
0.3257

■ 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.



26.7366, 0.1471, 0.1825



26.7366, 0.1923, 0.1729



26.7366, 0.2752, 0.1922

Triad

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



26.7366, 0.1923, 0.1729



26.7366, 0.5284, 0.3692



26.7366, 0.2217, 0.4555

Complementary

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



26.7366, 0.1923, 0.1729



57.7032, 0.4573, 0.4371

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.



26.7366, 0.3162, 0.5350



26.7366, 0.1923, 0.1729



26.7366, 0.4943, 0.4450

Square

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



26.7366, 0.1923, 0.1729



26.7366, 0.4904, 0.2987



26.7366, 0.4147, 0.5150



26.7366, 0.1583, 0.3250

Rectangle

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



26.7366, 0.1923, 0.1729



26.7366, 0.3491, 0.2193



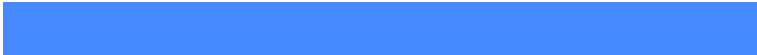
26.7366, 0.4147, 0.5150



26.7366, 0.2510, 0.4926

Sweetspot

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



26.7374, 0.1923, 0.1729



70.1738, 0.2771, 0.2902



76.4467, 0.2583, 0.4168



14.3366, 0.2724, 0.2848



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.



26.7374, 0.1923, 0.1729



19.5501, 0.1747, 0.1383



14.2041, 0.1854, 0.1050



18.4597, 0.2979, 0.3134



8.1008, 0.1655, 0.1156



0.9879, 0.1717, 0.1381

Inverse Universe

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



27.6070, 0.4689, 0.2693



23.5679, 0.5184, 0.2726



88.8444, 0.3914, 0.4992



18.0963, 0.3237, 0.3204



11.5457, 0.5529, 0.2820



1.1443, 0.5217, 0.2648

Previews

White Background



This preview shows how the Yxy color 26.7366, 0.1923, 0.1729 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 26.7366, 0.1923, 0.1729 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

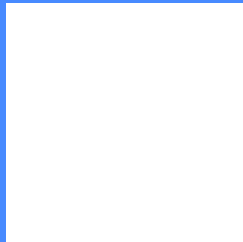
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.7366, 0.1923, 0.1729

Background



This preview shows how black text looks on a background with the Yxy color 26.7366, 0.1923, 0.1729.



This preview shows how white text looks on a background with the Yxy color 26.7366, 0.1923, 0.1729.

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

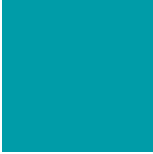
26.7366, 0.1923, 0.1729

Protanopia

26.5392, 0.1966, 0.1733

Deuteranopia

26.7368, 0.1826, 0.1772



Tritanopia

26.6041, 0.2185, 0.3067

Trichromacy



Original Color

26.7366, 0.1923, 0.1729

Protanomaly

26.7093, 0.1951, 0.1733

Deuteranomaly

26.4251, 0.1836, 0.1742

Tritanomaly

25.8846, 0.2038, 0.2442

Monochromacy



Original Color

26.7366, 0.1923, 0.1729

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.4360, 0.2505, 0.2589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7366, 0.1923, 0.1729 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(71, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 138, 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(71, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 138, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.7366, 0.1923, 0.1729 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(71, 138, 255) }
```

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

```
.border{ border-color:rgb(71, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 138,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7366, 0.1923, 0.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 138, 255) }
```

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

```
.background{ background-color: rgb(71, 138,  
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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