

Converting Colors

$Y_{xy}(26.4176, 0.1932, 0.1728)$

Have a look what the booklet for
Yxy(26.4176, 0.1932, 0.1728)
contains.

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Color

Yxy(26.5029, 0.1932, 0.1727)

Conversions

Conversions Part 1

Format	Color
Hex	4A89FE
RGB	74, 137, 254
RGB Percent	29%, 54%, 100%
CMY	0.7104, 0.4626, 0.0040
CMYK	0.71, 0.46, 0.00, 0.00
HSL	219°, 99%, 64%
HSV	219°, 71%, 100%
XYZ	29.6489, 26.5029, 97.3103
YIQ	131.5010, -75.1050, 23.0310

Conversions

Conversions Part 2

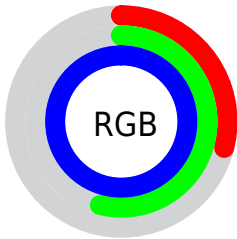
Format	Color
R _Y B	74, 121, 254
Decimal	4884990
CIE Lab	58.51, 17.93, -64.18
CIE LCh	59, 66.637, 285.608
Yxy	26.5029, 0.1932, 0.1727
Android (android.graphics.Color)	4283075070 (0xFF4A89FE)
YUV	131.5010, 60.3920, -50.4284
Hunter-Lab	51.4810, 12.7099, -76.0344

Details

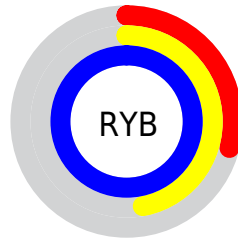
The Yxy color **26.5029, 0.1932, 0.1727** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **58.7454, 0.4528, 0.4383**, and the grayscale version is **22.6742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7977, 0.2391, 0.2501**, and **10.9650, 0.1724, 0.1405** is the 20% darker color. If you saturate the color by 10%, you get **21.3561, 0.1802, 0.1485**, and if you desaturate by 10%, it is **32.7743, 0.2086, 0.1979**.

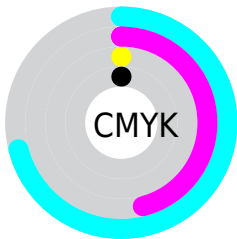
Distribution



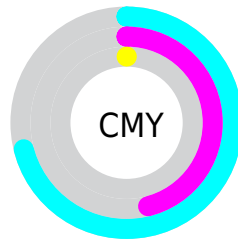
- Red (29%)
- Green (54%)
- Blue (100%)



- Red (29%)
- Yellow (47%)
- Blue (100%)



- Cyan (71%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (71%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5029, 0.1932, 0.1727 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 26.5029, 0.1932, 0.1727 by changing the saturation by 10% instead.

 26.5029, 0.1932,
0.1727


 26.5029, 0.1932,
0.1727


285.2421, 0.2541,
0.2480


 17.2002, 0.1787,
0.1558


 54.0851, 0.2150,
0.1988

 10.3774, 0.1607,
0.1356


 73.1335, 0.2233,
0.2090

 5.6499, 0.1383,
0.1113


 96.1992, 0.2304,
0.2178

 2.6334, 0.1104,
0.0825

 123.6667, 0.2365,
0.2255

 0.9435, 0.0764,
0.0502

155.9204, 0.2418,
0.2322

 0.0000, 0.0283,
0.0000

193.3446, 0.2464,

 0.0000, 0.0000,

0.2381

0.0000

236.3237, 0.2504,
0.2433

■ 26.5029, 0.1932,
0.1727

■ 26.5029, 0.1932,
0.1727

■ 21.3561, 0.1802,
0.1485

■ 32.7743, 0.2086,
0.1979

■ 17.2468, 0.1702,
0.1265

■ 40.2421, 0.2256,
0.2232

■ 14.3113, 0.1637,
0.1091

■ 48.9737, 0.2434,
0.2476

■ 59.0304, 0.2613,
0.2705

■ 70.4690, 0.2789,
0.2916

 83.3427, 0.2956,
0.3106

 97.7018, 0.3113,
0.3275

99.9352, 0.3133,
0.3300

Harmonies

Analogous

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



26.5029, 0.1473, 0.1817



26.5029, 0.1932, 0.1727



26.5029, 0.2770, 0.1925

Triad

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



26.5029, 0.1932, 0.1727



26.5029, 0.5289, 0.3705



26.5029, 0.2199, 0.4536

Complementary

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



26.5029, 0.1932, 0.1727



58.7454, 0.4528, 0.4383

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.



26.5029, 0.3142, 0.5351



26.5029, 0.1932, 0.1727



26.5029, 0.4935, 0.4466

Square

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



26.5029, 0.1932, 0.1727



26.5029, 0.4922, 0.2998



26.5029, 0.4131, 0.5164



26.5029, 0.1572, 0.3228

Rectangle

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



26.5029, 0.1932, 0.1727



26.5029, 0.3514, 0.2199



26.5029, 0.4131, 0.5164



26.5029, 0.2491, 0.4913

Sweetspot

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



26.5037, 0.1932, 0.1727



71.0065, 0.2787, 0.2914



75.9561, 0.2586, 0.4151



14.4862, 0.2739, 0.2858



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.



26.5037, 0.1932, 0.1727



19.7300, 0.1757, 0.1392



14.6232, 0.1875, 0.1081



18.4196, 0.2979, 0.3131



7.7949, 0.1645, 0.1120



0.9548, 0.1707, 0.1345

Inverse Universe

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



27.7543, 0.4685, 0.2719



23.8831, 0.5165, 0.2742



88.1886, 0.3908, 0.4974



18.0923, 0.3239, 0.3207



11.5149, 0.5581, 0.2848



1.1409, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 26.5029, 0.1932, 0.1727 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 26.5029, 0.1932, 0.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

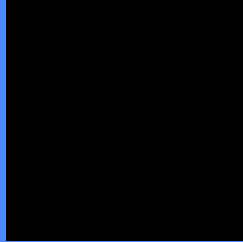
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

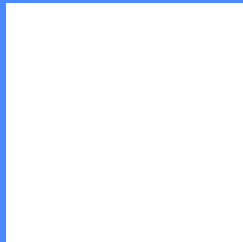
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5029, 0.1932, 0.1727

Background



This preview shows how black text looks on a background with the Yxy color 26.5029, 0.1932, 0.1727.



This preview shows how white text looks on a background with the Yxy color 26.5029, 0.1932, 0.1727.

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

26.5029, 0.1932, 0.1727

Protanopia

26.5392, 0.1966, 0.1733

Deuteranopia

26.3743, 0.1824, 0.1766



Tritanopia

26.2327, 0.2185, 0.3066

Trichromacy



Original Color

26.5029, 0.1932, 0.1727

Protanomaly

26.4056, 0.1954, 0.1729

Deuteranomaly

26.0810, 0.1835, 0.1737

Tritanomaly

25.5363, 0.2039, 0.2438

Monochromacy



Original Color

26.5029, 0.1932, 0.1727

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2246, 0.2510, 0.2574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5029, 0.1932, 0.1727 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(74, 137, 254)` looks like.

```
.text, #text, p{  
    color:rgb(74, 137, 254)  
}
```

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(74, 137, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 137, 254) }
```

Border

The CSS property to change the border of an element to Yxy 26.5029, 0.1932, 0.1727 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(74, 137, 254) }
```

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

```
.border{ border-color:rgb(74, 137, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 137, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 137, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 137, 254);  
box-shadow:4px 4px 4px 4px rgb(74, 137,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5029, 0.1932, 0.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 137, 254) }
```

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

```
.background{ background-color: rgb(74, 137,  
254) }
```

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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