

Converting Colors

$Y_{xy}(26.7956, 0.1931, 0.1765)$

Have a look what the booklet for
Yxy(26.7956, 0.1931, 0.1765)
contains.

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Color

Yxy(26.7956, 0.1931, 0.1765)

Conversions

Conversions Part 1

Format	Color
Hex	468BFC
RGB	70, 139, 252
RGB Percent	27%, 55%, 99%
CMY	0.7262, 0.4548, 0.0118
CMYK	0.72, 0.45, 0.00, 0.01
HSL	217°, 97%, 63%
HSV	217°, 72%, 99%
XYZ	29.3158, 26.7956, 95.7051
YIQ	131.2510, -77.3970, 20.5150

Conversions

Conversions Part 2

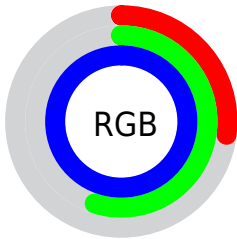
Format	Color
RYB	70, 120, 252
Decimal	4623356
CIELab	58.78, 15.48, -62.64
CIELCh	59, 64.527, 283.878
Yxy	26.7956, 0.1931, 0.1765
Android (android.graphics.Color)	4282813436 (0xFF468BFC)
YUV	131.2510, 59.5293, -53.7171
Hunter-Lab	51.7645, 10.5020, -73.3836

Details

The Yxy color **26.7956, 0.1931, 0.1765** 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 **54.9001, 0.4601, 0.4346**, and the grayscale version is **22.5803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4082, 0.2380, 0.2523**, and **11.2525, 0.1735, 0.1445** is the 20% darker color. If you saturate the color by 10%, you get **21.8435, 0.1808, 0.1532**, and if you desaturate by 10%, it is **32.7884, 0.2078, 0.2007**.

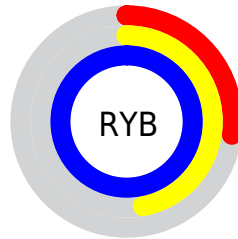
Distribution



Red (27%)

Green (55%)

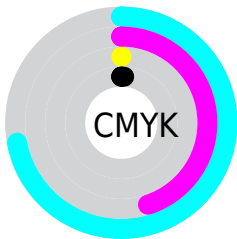
Blue (99%)



Red (27%)

Yellow (47%)

Blue (99%)

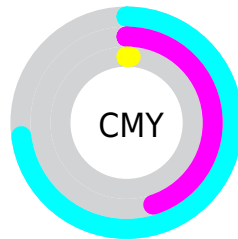


Cyan (72%)

Magenta (45%)

Yellow (0%)

Black (1%)



Cyan (73%)


Magenta (45%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7956, 0.1931, 0.1765 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 26.7956, 0.1931, 0.1765 by changing the saturation by 10% instead.


 26.7956, 0.1931,
0.1765


 26.7956, 0.1931,
0.1765


286.6661, 0.2539,
0.2504

 17.4198, 0.1786,
0.1598


 54.5557, 0.2149,
0.2022


 10.5342, 0.1606,
0.1397


 73.7088, 0.2232,
0.2123

 5.7546, 0.1382,
0.1154


 96.8897, 0.2303,
0.2209

 2.6964, 0.1102,
0.0863

 124.4829, 0.2364,
0.2284

 0.9754, 0.0761,
0.0533

156.8727, 0.2416,
0.2349

 0.0000, 0.0261,
0.0000

194.4436, 0.2462,

 0.0000, 0.0000,

0.2407

0.0000

237.5799, 0.2503,
0.2458

■ 26.7956, 0.1931,
0.1765

■ 26.7956, 0.1931,
0.1765

■ 21.8435, 0.1808,
0.1532

■ 32.7884, 0.2078,
0.2007

■ 17.8494, 0.1713,
0.1319

■ 39.8888, 0.2243,
0.2249

■ 15.3464, 0.1659,
0.1172

■ 48.1601, 0.2416,
0.2484

■ 57.6591, 0.2593,
0.2704

■ 68.4386, 0.2767,
0.2907

■ 80.5480, 0.2934,
0.3091

■ 94.0339, 0.3092,
0.3255

■ 99.8070, 0.3145,
0.3319

Harmonies

Analogous

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



26.7956, 0.1500, 0.1874



26.7956, 0.1931, 0.1765



26.7956, 0.2727, 0.1943

Triad

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



26.7956, 0.1931, 0.1765



26.7956, 0.5221, 0.3666



26.7956, 0.2281, 0.4554

Complementary

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



26.7956, 0.1931, 0.1765



54.9001, 0.4601, 0.4346

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.



26.7956, 0.3210, 0.5286



26.7956, 0.1931, 0.1765



26.7956, 0.4924, 0.4405

Square

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



26.7956, 0.1931, 0.1765



26.7956, 0.4818, 0.2975



26.7956, 0.4167, 0.5081



26.7956, 0.1642, 0.3304

Rectangle

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



26.7956, 0.1931, 0.1765



26.7956, 0.3438, 0.2203



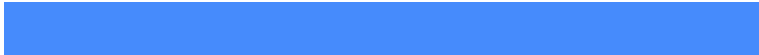
26.7956, 0.4167, 0.5081



26.7956, 0.2571, 0.4900

Sweetspot

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



26.7964, 0.1931, 0.1765



70.6485, 0.2771, 0.2912



74.2869, 0.2596, 0.4213



14.4478, 0.2725, 0.2859



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.



26.7964, 0.1931, 0.1765



20.3728, 0.1759, 0.1428



13.6114, 0.1836, 0.1038



17.7239, 0.2979, 0.3139



8.2572, 0.1667, 0.1202



0.9620, 0.1733, 0.1438

Inverse Universe

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



26.9136, 0.4649, 0.2663



23.6510, 0.5126, 0.2693



86.9915, 0.3937, 0.4980



17.3343, 0.3234, 0.3200



11.2445, 0.5463, 0.2783



1.0613, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 26.7956, 0.1931, 0.1765 looks on a white background.

Color Contrast Check

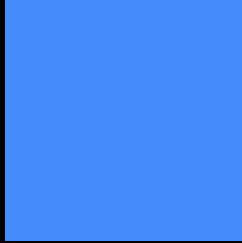
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7956, 0.1931, 0.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

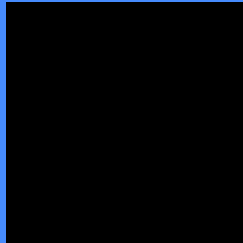
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

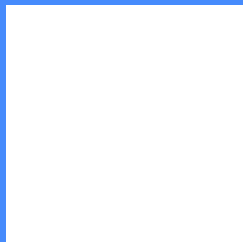
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.7956, 0.1931, 0.1765

Background



This preview shows how black text looks on a background with the Yxy color 26.7956, 0.1931, 0.1765.



This preview shows how white text looks on a background with the Yxy color 26.7956, 0.1931, 0.1765.

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

26.7956, 0.1931, 0.1765

Protanopia

26.8197, 0.1996, 0.1776

Deuteranopia

26.9170, 0.1859, 0.1798

Trichromacy



Original Color

26.7956, 0.1931, 0.1765

Protanomaly

26.8913, 0.1971, 0.1773

Deuteranomaly

26.8919, 0.1880, 0.1792

Monochromacy



Original Color

26.7956, 0.1931, 0.1765

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3965, 0.2512, 0.2604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7956, 0.1931, 0.1765 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(70, 139, 252)` looks like.

```
.text, #text, p{  
    color:rgb(70, 139, 252)  
}
```

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(70, 139, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 139, 252) }
```

Border

The CSS property to change the border of an element to Yxy 26.7956, 0.1931, 0.1765 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(70, 139, 252) }
```

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

```
.border{ border-color:rgb(70, 139, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 139, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 139, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 139, 252);  
box-shadow:4px 4px 4px 4px rgb(70, 139,  
252) }
```

Background

The CSS property to change the background color of an element to Yxy 26.7956, 0.1931, 0.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 139, 252) }
```

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

```
.background{ background-color: rgb(70, 139,  
252) }
```

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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