

Converting Colors

$Yxy(28.9678, 0.2057, 0.1806)$

Have a look what the booklet for
Yxy(28.9678, 0.2057, 0.1806)
contains.

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Color

Yxy(29.0945, 0.2058, 0.1811)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 668DFF |
| RGB | 102, 141, 255 |
| RGB Percent | 40%, 55%, 100% |
| CMY | 0.5997, 0.4471, 0.0000 |
| CMYK | 0.60, 0.45, 0.00, 0.00 |
| HSL | 225°, 100%, 70% |
| HSV | 225°, 60%, 100% |
| XYZ | 33.0627, 29.0945, 98.4972 |
| YIQ | 142.3350, -59.8380, 27.1860 |

Conversions

Conversions Part 2

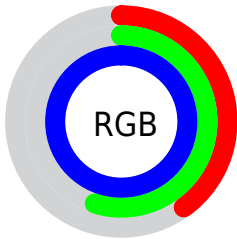
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 133, 255 |
| Decimal | 6721023 |
| CIELab | 60.86, 20.33, -60.90 |
| CIELCh | 61, 64.205, 288.460 |
| Yxy | 29.0945, 0.2058, 0.1811 |
| Android (android.graphics.Color) | 4284911103 (0xFF668DFF) |
| YUV | 142.3350, 55.5438, -35.3738 |
| Hunter-Lab | 53.9393, 15.0196, -70.5104 |

Details

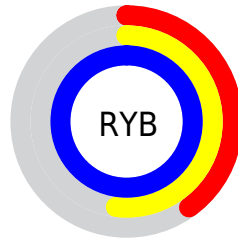
The Yxy color **29.0945, 0.2058, 0.1811** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.3808, 0.4201, 0.4396**, and the grayscale version is **26.9888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6961, 0.2525, 0.2575**, and **11.8342, 0.1766, 0.1472** is the 20% darker color. If you saturate the color by 10%, you get **22.6922, 0.1891, 0.1531**, and if you desaturate by 10%, it is **36.9166, 0.2242, 0.2097**.

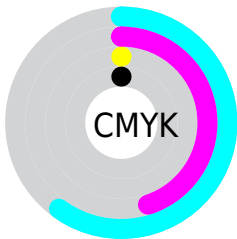
Distribution



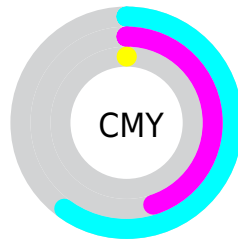
- Red (40%)
- Green (55%)
- Blue (100%)



- Red (40%)
- Yellow (52%)
- Blue (100%)



- Cyan (60%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (60%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0945, 0.2058, 0.1811 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 29.0945, 0.2058, 0.1811 by changing the saturation by 10% instead.


 29.0945, 0.2058,
0.1811


 29.0945, 0.2058,
0.1811


297.6606, 0.2603,
0.2519


 19.1523, 0.1927,
0.1652


 58.2272, 0.2254,
0.2056

 11.7804, 0.1763,
0.1461


 78.1865, 0.2328,
0.2152

 6.5943, 0.1557,
0.1229


 102.2536, 0.2392,
0.2235

 3.2097, 0.1294,
0.0949

130.8130, 0.2446,
0.2307

 1.2422, 0.0962,
0.0623

164.2490, 0.2493,
0.2369

 0.0958, 0.0554,
0.0090

202.9460, 0.2534,

 0.0000, 0.0000,

0.2425

0.0000

247.2884, 0.2571,
0.2474

■ 29.0945, 0.2058,
0.1811

■ 29.0945, 0.2058,
0.1811

■ 22.6922, 0.1891,
0.1531

■ 36.9166, 0.2242,
0.2097

■ 17.6181, 0.1751,
0.1271

■ 46.2433, 0.2432,
0.2376

■ 13.7664, 0.1645,
0.1047

■ 57.1510, 0.2620,
0.2639

■ 10.9935, 0.1575,
0.0868

■ 69.7110, 0.2801,
0.2881

■ 10.9864, 0.1575,
0.0868

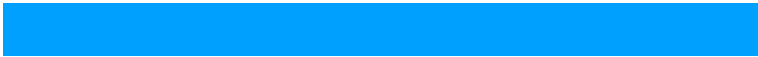
■ 83.9901, 0.2971,
0.3098

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.



29.0945, 0.1582, 0.1874



29.0945, 0.2058, 0.1811



29.0945, 0.2889, 0.2025

Triad

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



29.0945, 0.2058, 0.1811



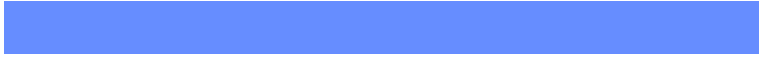
29.0945, 0.5159, 0.3777



29.0945, 0.2190, 0.4334

Complementary

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



29.0945, 0.2058, 0.1811



71.3808, 0.4201, 0.4396

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.



29.0945, 0.3071, 0.5170



29.0945, 0.2058, 0.1811



29.0945, 0.4792, 0.4498

Square

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



29.0945, 0.2058, 0.1811



29.0945, 0.4871, 0.3089



29.0945, 0.4015, 0.5107



29.0945, 0.1621, 0.3137

Rectangle

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



29.0945, 0.2058, 0.1811



29.0945, 0.3599, 0.2303



29.0945, 0.4015, 0.5107



29.0945, 0.2460, 0.4698

Sweetspot

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



29.0941, 0.2058, 0.1811



72.3855, 0.2836, 0.2925



79.2156, 0.2557, 0.3793



14.6528, 0.2785, 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.



29.0941, 0.2058, 0.1811



21.5577, 0.1860, 0.1476



22.1207, 0.2180, 0.1451



18.1287, 0.2979, 0.3107



5.9407, 0.1582, 0.0894



0.7444, 0.1640, 0.1103

Inverse Universe

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



32.7005, 0.4523, 0.2911



27.1282, 0.4985, 0.2890



87.5903, 0.3728, 0.4839



18.0629, 0.3254, 0.3230



11.3277, 0.5922, 0.3036



1.1197, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 29.0945, 0.2058, 0.1811 looks on a white background.

Color Contrast Check

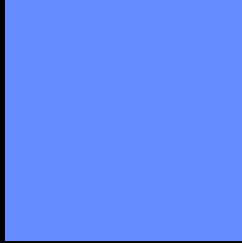
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0945, 0.2058, 0.1811 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

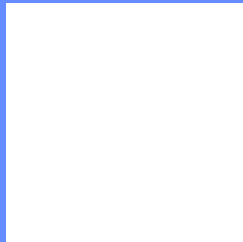
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0945, 0.2058, 0.1811

Background



This preview shows how black text looks on a background with the Yxy color 29.0945, 0.2058, 0.1811.



This preview shows how white text looks on a background with the Yxy color 29.0945, 0.2058, 0.1811.

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

29.0945, 0.2058, 0.1811

Protanopia

28.9989, 0.2028, 0.1813

Deuteranopia

29.2638, 0.1933, 0.1870



Tritanopia

29.2440, 0.2338, 0.3080

Trichromacy



Original Color

29.0945, 0.2058, 0.1811

Protanomaly

29.1627, 0.2042, 0.1818

Deuteranomaly

28.9431, 0.1966, 0.1836

Tritanomaly

28.6664, 0.2211, 0.2516

Monochromacy



Original Color

29.0945, 0.2058, 0.1811

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.2769, 0.2621, 0.2651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0945, 0.2058, 0.1811 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(102, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 141, 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(102, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 141, 255) }
```

Border

The CSS property to change the border of an element to Yxy 29.0945, 0.2058, 0.1811 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(102, 141, 255) }
```

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

```
.border{ border-color:rgb(102, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 141,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0945, 0.2058, 0.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 141, 255) }
```

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

```
.background{ background-color: rgb(102,  
141, 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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