

Converting Colors

$Y_{xy}(30.0445, 0.2078, 0.1966)$

Have a look what the booklet for
Yxy(30.0445, 0.2078, 0.1966)
contains.

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Color

Yxy(29.9542, 0.2077, 0.1957)

Conversions

Conversions Part 1

Format	Color
Hex	5F93F6
RGB	95, 147, 246
RGB Percent	37%, 58%, 96%
CMY	0.6274, 0.4235, 0.0352
CMYK	0.61, 0.40, 0.00, 0.04
HSL	219°, 89%, 67%
HSV	219°, 61%, 96%
XYZ	31.7909, 29.9542, 91.3167
YIQ	142.7380, -62.7710, 19.7650

Conversions

Conversions Part 2

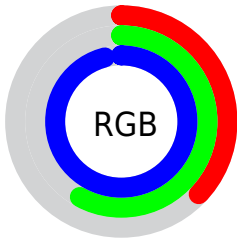
Format	Color
R _Y B	95, 134, 246
Decimal	6263798
CIE Lab	61.61, 12.53, -54.79
CIE LCh	62, 56.204, 282.882
Yxy	29.9542, 0.2077, 0.1957
Android (android.graphics.Color)	4284453878 (0xFF5F93F6)
YUV	142.7380, 50.9082, -41.8662
Hunter-Lab	54.7304, 7.9060, -60.6129

Details

The Yxy color **29.9542, 0.2077, 0.1957** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **59.0255, 0.4319, 0.4293**, and the grayscale version is **27.1720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1614, 0.2496, 0.2653**, and **12.2364, 0.1786, 0.1620** is the 20% darker color. If you saturate the color by 10%, you get **24.1686, 0.1923, 0.1703**, and if you desaturate by 10%, it is **36.8613, 0.2247, 0.2212**.

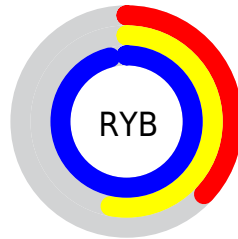
Distribution



Red (37%)

Green (58%)

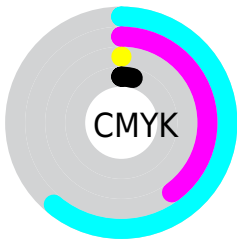
Blue (96%)



Red (37%)

Yellow (53%)

Blue (96%)

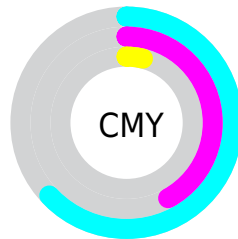


Cyan (61%)

Magenta (40%)

Yellow (0%)

Black (4%)



Cyan (63%)


Magenta (42%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9542, 0.2077, 0.1957 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 29.9542, 0.2077, 0.1957 by changing the saturation by 10% instead.


 29.9542, 0.2077,
0.1957


 29.9542, 0.2077,
0.1957


301.6909, 0.2610,
0.2608

 19.8038, 0.1948,
0.1806


 59.5897, 0.2269,
0.2186


 12.2525, 0.1786,
0.1621


 79.8437, 0.2342,
0.2275

 6.9159, 0.1581,
0.1392


 104.2343, 0.2404,
0.2351

 3.4096, 0.1317,
0.1108

 133.1460, 0.2457,
0.2416

 1.3491, 0.0978,
0.0762

166.9631, 0.2503,
0.2474

 0.1788, 0.0525,
0.0197

206.0700, 0.2543,

 0.0000, 0.0000,

0.2524

0.0000

250.8511, 0.2579,
0.2569

■ 29.9542, 0.2077,
0.1957

■ 29.9542, 0.2077,
0.1957

■ 24.1686, 0.1923,
0.1703

■ 36.8613, 0.2247,
0.2212

■ 19.4317, 0.1794,
0.1461

■ 44.9498, 0.2426,
0.2458


■ 15.6645, 0.1695,
0.1242


■ 54.2784, 0.2605,
0.2690

■ 13.1045, 0.1633,
0.1077

■ 64.9004, 0.2781,
0.2903

■ 76.8660, 0.2949,
0.3096

 90.2225, 0.3106,
0.3268

 99.4355, 0.3179,
0.3376

Harmonies

Analogous

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



29.9542, 0.1696, 0.2078



29.9542, 0.2077, 0.1957



29.9542, 0.2768, 0.2105

Triad

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



29.9542, 0.2077, 0.1957



29.9542, 0.4909, 0.3645



29.9542, 0.2450, 0.4357

Complementary

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



29.9542, 0.2077, 0.1957



59.0255, 0.4319, 0.4293

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.



29.9542, 0.3267, 0.4947



29.9542, 0.2077, 0.1957



29.9542, 0.4711, 0.4288

Square

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



29.9542, 0.2077, 0.1957



29.9542, 0.4528, 0.3022



29.9542, 0.4091, 0.4827



29.9542, 0.1865, 0.3356

Rectangle

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



29.9542, 0.2077, 0.1957



29.9542, 0.3369, 0.2334



29.9542, 0.4091, 0.4827



29.9542, 0.2707, 0.4629

Sweetspot

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



29.9552, 0.2077, 0.1957



74.5868, 0.2838, 0.2970



72.2197, 0.2607, 0.3978



15.1834, 0.2789, 0.2912



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.



29.9552, 0.2077, 0.1957



24.6911, 0.1885, 0.1635



18.6693, 0.2068, 0.1371



16.8594, 0.2980, 0.3130



7.2276, 0.1641, 0.1107



0.8192, 0.1710, 0.1355

Inverse Universe

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



29.8902, 0.4381, 0.2764



26.8373, 0.4809, 0.2727



82.5024, 0.3827, 0.4814



16.5767, 0.3239, 0.3209



10.8290, 0.5601, 0.2859



0.9703, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 29.9542, 0.2077, 0.1957 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 29.9542, 0.2077, 0.1957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

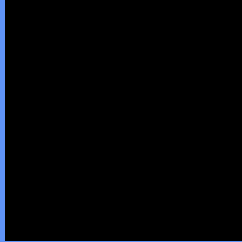
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

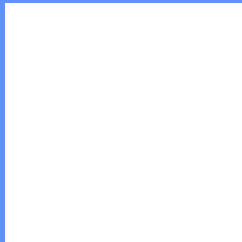
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.9542, 0.2077, 0.1957

Background



This preview shows how black text looks on a background with the Yxy color 29.9542, 0.2077, 0.1957.



This preview shows how white text looks on a background with the Yxy color 29.9542, 0.2077, 0.1957.

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

29.9542, 0.2077, 0.1957

Protanopia

29.9706, 0.2144, 0.1968

Deuteranopia

30.0335, 0.2036, 0.1970



Tritanopia

29.9279, 0.2313, 0.3065

Trichromacy



Original Color

29.9542, 0.2077, 0.1957

Protanomaly

30.0339, 0.2116, 0.1965

Deuteranomaly

29.9083, 0.2049, 0.1962

Tritanomaly

29.7475, 0.2209, 0.2592

Monochromacy



Original Color

29.9542, 0.2077, 0.1957

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6774, 0.2639, 0.2724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9542, 0.2077, 0.1957 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(95, 147, 246)` looks like.

```
.text, #text, p{  
    color:rgb(95, 147, 246)  
}
```

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(95, 147, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 147, 246) }
```

Border

The CSS property to change the border of an element to Yxy 29.9542, 0.2077, 0.1957 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(95, 147, 246) }
```

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

```
.border{ border-color:rgb(95, 147, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 147, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 147, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 147, 246);  
box-shadow:4px 4px 4px 4px rgb(95, 147,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9542, 0.2077, 0.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 147, 246) }
```

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

```
.background{ background-color: rgb(95, 147,  
246) }
```

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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