

Converting Colors

$Yxy(28.4021, 0.1909, 0.1811)$

Have a look what the booklet for
Yxy(28.4021, 0.1909, 0.1811)
contains.

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Color

Yxy(28.3703, 0.1908, 0.1809)

Conversions

Conversions Part 1

Format	Color
Hex	3A91FF
RGB	58, 145, 255
RGB Percent	23%, 57%, 100%
CMY	0.7726, 0.4314, 0.0000
CMYK	0.77, 0.43, 0.00, 0.00
HSL	213°, 100%, 61%
HSV	213°, 77%, 100%
XYZ	29.9229, 28.3703, 98.5354
YIQ	131.5270, -87.1620, 15.7660

Conversions

Conversions Part 2

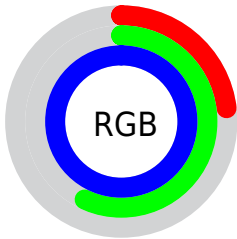
Format	Color
R _Y B	58, 118, 255
Decimal	3838463
CIE Lab	60.22, 11.60, -62.04
CIE LCh	60, 63.110, 280.590
Yxy	28.3703, 0.1908, 0.1809
Android (android.graphics.Color)	4282028543 (0xFF3A91FF)
YUV	131.5270, 60.8722, -64.4832
Hunter-Lab	53.2638, 7.0674, -72.3990

Details

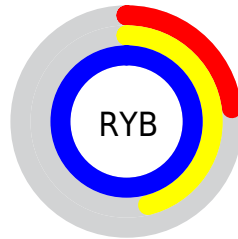
The Yxy color **28.3703, 0.1908, 0.1809** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **49.5620, 0.4820, 0.4266**, and the grayscale version is **22.6932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4335, 0.2354, 0.2592**, and **12.2156, 0.1753, 0.1511** is the 20% darker color. If you saturate the color by 10%, you get **23.7031, 0.1804, 0.1599**, and if you desaturate by 10%, it is **33.9578, 0.2037, 0.2028**.

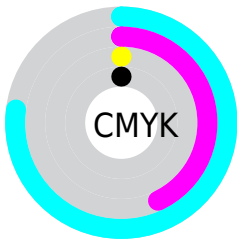
Distribution



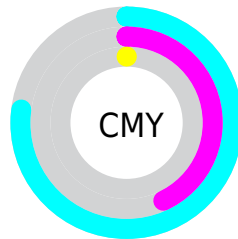
- Red (23%)
- Green (57%)
- Blue (100%)



- Red (23%)
- Yellow (46%)
- Blue (100%)



- Cyan (77%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (77%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3703, 0.1908, 0.1809 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 28.3703, 0.1908, 0.1809 by changing the saturation by 10% instead.

 28.3703, 0.1908,
0.1809


 28.3703, 0.1908,
0.1809


294.2321, 0.2520,
0.2527

 18.6050, 0.1764,
0.1646


 57.0751, 0.2126,
0.2059

 11.3852, 0.1586,
0.1450


 76.7834, 0.2210,
0.2157

 6.3266, 0.1365,
0.1212


 100.5748, 0.2281,
0.2240

 3.0446, 0.1091,
0.0926

 128.8337, 0.2342,
0.2313

 1.1551, 0.0758,
0.0595

161.9444, 0.2396,
0.2377

 0.0246, 0.0299,
0.0024

200.2915, 0.2442,

 0.0000, 0.0000,

0.2433

0.0000

244.2593, 0.2484,
0.2483

■ 28.3703, 0.1908,
0.1809

■ 28.3703, 0.1908,
0.1809

■ 23.7031, 0.1804,
0.1599

■ 33.9578, 0.2037,
0.2028

■ 19.8769, 0.1728,
0.1405

■ 40.5380, 0.2185,
0.2249

■ 18.9478, 0.1710,
0.1355

■ 48.1696, 0.2346,
0.2463

■ 56.9067, 0.2515,
0.2668

■ 66.7990, 0.2685,
0.2858

■ 77.8928, 0.2853,
0.3031

■ 90.2317, 0.3015,
0.3187

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.



28.3703, 0.1523, 0.1953



28.3703, 0.1908, 0.1809



28.3703, 0.2643, 0.1953

Triad

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



28.3703, 0.1908, 0.1809



28.3703, 0.5137, 0.3592



28.3703, 0.2407, 0.4612

Complementary

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



28.3703, 0.1908, 0.1809



49.5620, 0.4820, 0.4266

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.



28.3703, 0.3323, 0.5219



28.3703, 0.1908, 0.1809



28.3703, 0.4927, 0.4305

Square

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



28.3703, 0.1908, 0.1809



28.3703, 0.4666, 0.2922



28.3703, 0.4238, 0.4966



28.3703, 0.1743, 0.3436

Rectangle

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



28.3703, 0.1908, 0.1809



28.3703, 0.3311, 0.2190



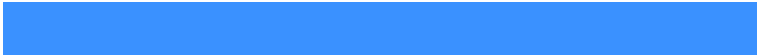
28.3703, 0.4238, 0.4966



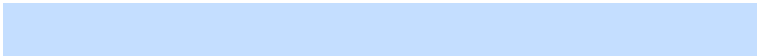
28.3703, 0.2697, 0.4915

Sweetspot

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



28.3689, 0.1908, 0.1809



71.3808, 0.2757, 0.2934



75.1844, 0.2644, 0.4475



14.4447, 0.2696, 0.2869



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.



28.3689, 0.1908, 0.1809



21.4129, 0.1757, 0.1485



11.4663, 0.1699, 0.0888



18.6982, 0.2979, 0.3154



10.1868, 0.1718, 0.1385



1.2053, 0.1779, 0.1603

Inverse Universe

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



26.3278, 0.4623, 0.2543



23.1077, 0.5068, 0.2602



91.2645, 0.4052, 0.4982



18.1204, 0.3225, 0.3185



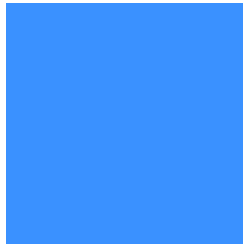
11.7563, 0.5211, 0.2644



1.1662, 0.4927, 0.2488

Previews

White Background



This preview shows how the Yxy color 28.3703, 0.1908, 0.1809 looks on a white background.

Color Contrast Check

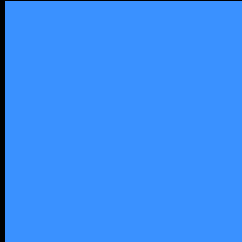
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3703, 0.1908, 0.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

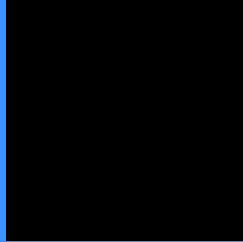
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

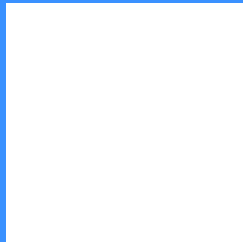
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.3703, 0.1908, 0.1809

Background



This preview shows how black text looks on a background with the Yxy color 28.3703, 0.1908, 0.1809.



This preview shows how white text looks on a background with the Yxy color 28.3703, 0.1908, 0.1809.

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

28.3703, 0.1908, 0.1809

Protanopia

28.1541, 0.2037, 0.1820

Deuteranopia

28.3357, 0.1882, 0.1813



Tritanopia

28.1202, 0.2187, 0.3072

Trichromacy



Original Color

28.3703, 0.1908, 0.1809

Protanomaly

28.1681, 0.1985, 0.1820

Deuteranomaly

28.4559, 0.1893, 0.1817

Tritanomaly

27.8664, 0.2051, 0.2519

Monochromacy



Original Color

28.3703, 0.1908, 0.1809

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0689, 0.2473, 0.2621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3703, 0.1908, 0.1809 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(58, 145, 255)` looks like.

```
.text, #text, p{  
  color:rgb(58, 145, 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(58, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 145, 255) }
```

Border

The CSS property to change the border of an element to Yxy 28.3703, 0.1908, 0.1809 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(58, 145, 255) }
```

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

```
.border{ border-color:rgb(58, 145, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(58, 145,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3703, 0.1908, 0.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 145, 255) }
```

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

```
.background{ background-color: rgb(58, 145,  
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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