

Converting Colors

$Y_{xy}(29.1763, 0.1917, 0.1857)$

Have a look what the booklet for
Yxy(29.1763, 0.1917, 0.1857)
contains.

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Color

Yxy(29.1763, 0.1917, 0.1857)

Conversions

Conversions Part 1

Format	Color
Hex	3894FE
RGB	56, 148, 254
RGB Percent	22%, 58%, 100%
CMY	0.7796, 0.4197, 0.0039
CMYK	0.78, 0.42, 0.00, 0.00
HSL	212°, 99%, 61%
HSV	212°, 78%, 100%
XYZ	30.1190, 29.1763, 97.8199
YIQ	132.5760, -88.8580, 13.4620

Conversions

Conversions Part 2

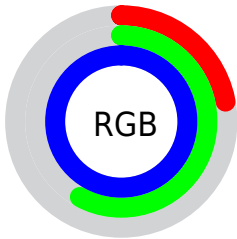
Format	Color
R _Y B	56, 119, 254
Decimal	3708158
CIE Lab	60.94, 9.26, -60.33
CIE LCh	61, 61.039, 278.723
Yxy	29.1763, 0.1917, 0.1857
Android (android.graphics.Color)	4281898238 (0xFF3894FE)
YUV	132.5760, 59.8620, -67.1572
Hunter-Lab	54.0151, 5.0058, -69.5621

Details

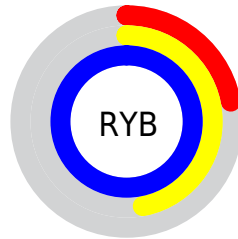
The Yxy color **29.1763, 0.1917, 0.1857** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **47.2798, 0.4877, 0.4227**, and the grayscale version is **23.1153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7391, 0.2356, 0.2630**, and **12.7666, 0.1767, 0.1562** is the 20% darker color. If you saturate the color by 10%, you get **24.5966, 0.1817, 0.1654**, and if you desaturate by 10%, it is **34.6313, 0.2041, 0.2068**.

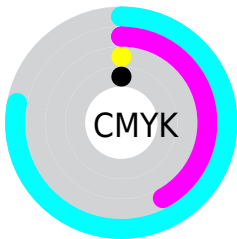
Distribution



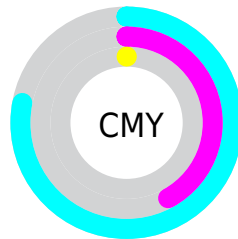
- Red (22%)
- Green (58%)
- Blue (100%)



- Red (22%)
- Yellow (47%)
- Blue (100%)



- Cyan (78%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (78%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1763, 0.1917, 0.1857 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 29.1763, 0.1917, 0.1857 by changing the saturation by 10% instead.


 29.1763, 0.1917,
0.1857


 29.1763, 0.1917,
0.1857


298.0459, 0.2523,
0.2554

 19.2142, 0.1774,
0.1698


 58.3571, 0.2132,
0.2101

 11.8252, 0.1598,
0.1505


 78.3446, 0.2215,
0.2196

 6.6247, 0.1380,
0.1269


 102.4427, 0.2286,
0.2277

 3.2286, 0.1108,
0.0984

 131.0357, 0.2346,
0.2347

 1.2522, 0.0775,
0.0648

164.5082, 0.2399,
0.2409

 0.1037, 0.0318,
0.0102

203.2445, 0.2446,

 0.0000, 0.0000,

0.2463

0.0000

247.6289, 0.2486,
0.2511

■ 29.1763, 0.1917,
0.1857

■ 29.1763, 0.1917,
0.1857

■ 24.5966, 0.1817,
0.1654

■ 34.6313, 0.2041,
0.2068

■ 20.8061, 0.1743,
0.1465

■ 41.0247, 0.2185,
0.2279

■ 20.0813, 0.1730,
0.1426

■ 48.4150, 0.2343,
0.2486

■ 56.8539, 0.2509,
0.2682

■ 66.3891, 0.2677,
0.2865

■ 77.0647, 0.2844,
0.3032

■ 88.9221, 0.3005,
0.3183

99.9366, 0.3133,
0.3299

Harmonies

Analogous

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



29.1763, 0.1561, 0.2021



29.1763, 0.1917, 0.1857



29.1763, 0.2610, 0.1980

Triad

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



29.1763, 0.1917, 0.1857



29.1763, 0.5050, 0.3553



29.1763, 0.2491, 0.4609

Complementary

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



29.1763, 0.1917, 0.1857



47.2798, 0.4877, 0.4227

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.



29.1763, 0.3385, 0.5141



29.1763, 0.1917, 0.1857



29.1763, 0.4896, 0.4243

Square

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



29.1763, 0.1917, 0.1857



29.1763, 0.4554, 0.2902



29.1763, 0.4260, 0.4879



29.1763, 0.1824, 0.3505

Rectangle

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



29.1763, 0.1917, 0.1857



29.1763, 0.3242, 0.2201



29.1763, 0.4260, 0.4879



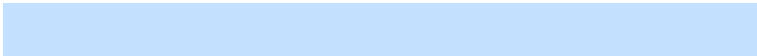
29.1763, 0.2776, 0.4881

Sweetspot

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



29.1772, 0.1917, 0.1857



72.0800, 0.2759, 0.2948



74.3358, 0.2657, 0.4532



14.6127, 0.2698, 0.2887



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.



29.1772, 0.1917, 0.1857



22.7566, 0.1776, 0.1555



11.0534, 0.1679, 0.0869



18.7670, 0.2979, 0.3159



10.8744, 0.1738, 0.1456



1.2748, 0.1797, 0.1670

Inverse Universe

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



26.0578, 0.4571, 0.2500



23.2434, 0.4979, 0.2552



91.0293, 0.4078, 0.4972



18.1273, 0.3221, 0.3180



11.8257, 0.5117, 0.2593



1.1732, 0.4844, 0.2442

Previews

White Background



This preview shows how the Yxy color 29.1763, 0.1917, 0.1857 looks on a white background.

Color Contrast Check

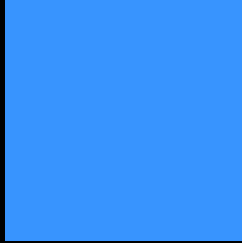
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1763, 0.1917, 0.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

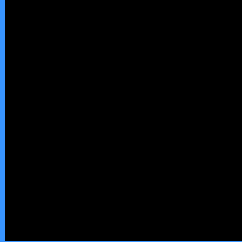
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

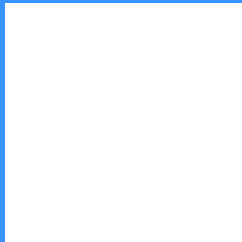
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.1763, 0.1917, 0.1857

Background



This preview shows how black text looks on a background with the Yxy color 29.1763, 0.1917, 0.1857.



This preview shows how white text looks on a background with the Yxy color 29.1763, 0.1917, 0.1857.

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

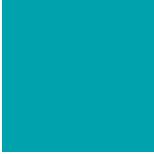
29.1763, 0.1917, 0.1857

Protanopia

28.8949, 0.2074, 0.1871

Deuteranopia

29.2351, 0.1922, 0.1859



Tritanopia

28.8967, 0.2187, 0.3074

Trichromacy



Original Color

29.1763, 0.1917, 0.1857

Protanomaly

28.7964, 0.2002, 0.1858

Deuteranomaly

29.2054, 0.1919, 0.1858

Tritanomaly

28.5745, 0.2056, 0.2540

Monochromacy



Original Color

29.1763, 0.1917, 0.1857

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3545, 0.2476, 0.2639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1763, 0.1917, 0.1857 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(56, 148, 254)` looks like.

```
.text, #text, p{  
    color:rgb(56, 148, 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(56, 148, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 148, 254) }
```

Border

The CSS property to change the border of an element to Yxy 29.1763, 0.1917, 0.1857 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(56, 148, 254) }
```

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

```
.border{ border-color:rgb(56, 148, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 148, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 148, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 148, 254);  
box-shadow:4px 4px 4px 4px rgb(56, 148,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1763, 0.1917, 0.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 148, 254) }
```

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

```
.background{ background-color: rgb(56, 148,  
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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