

Converting Colors

XYZ(30.1778, 27.3766, 89.2816)

Have a look what the booklet for
XYZ(30.1778, 27.3766, 89.2816)
contains.

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Color

**XYZ(30.1778, 27.3766,
89.2816)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8BF4
RGB	94, 139, 244
RGB Percent	37%, 55%, 96%
CMY	0.6313, 0.4549, 0.0431
CMYK	0.61, 0.43, 0.00, 0.04
HSL	222°, 87%, 66%
HSV	222°, 61%, 96%
XYZ	30.1778, 27.3766, 89.2816
YIQ	137.5150, -60.5250, 23.1150

Conversions

Conversions Part 2

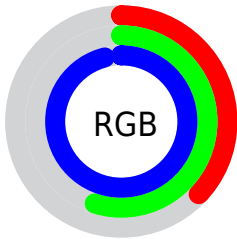
Format	Color
R _Y B	94, 129, 244
Decimal	6196212
CIE Lab	59.32, 16.44, -57.33
CIE LCh	59, 59.643, 286.003
Yxy	27.3766, 0.2055, 0.1864
Android (android.graphics.Color)	4284386292 (0xFF5E8BF4)
YUV	137.5150, 52.4971, -38.1627
Hunter-Lab	52.3227, 11.3877, -64.5446

Details

The XYZ color **30.1778, 27.3766, 89.2816** 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 **59.7541, 60.8913, 19.1952**, and the grayscale version is **23.7977, 25.0370, 27.2653**.

A 20% lighter version of the original color is **50.6099, 51.9872, 101.9748**, and **12.6258, 10.9002, 48.4522** is the 20% darker color. If you saturate the color by 10%, you get **25.7766, 21.7189, 88.4221**, and if you desaturate by 10%, it is **35.7582, 34.2164, 90.3083**.

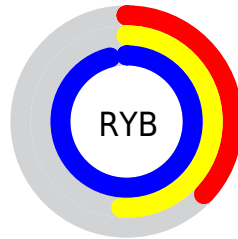
Distribution



Red (37%)

Green (55%)

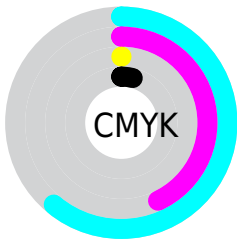
Blue (96%)



Red (37%)

Yellow (51%)

Blue (96%)

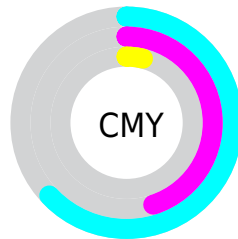


Cyan (61%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1778, 27.3766, 89.2816 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 XYZ color 30.1778, 27.3766, 89.2816 by changing the saturation by 10% instead.

■ 30.1778, 27.3766,
89.2816

■ 30.1778, 27.3766,
89.2816

294.6273,
289.4760, 546.2008

■ 20.1223, 17.8563,
66.8146

■ 59.3279, 55.4876,
148.2669

■ 12.5928, 10.8468,
48.4733

■ 79.1533, 74.8471,
185.6223

■ 7.2238, 5.9639,
33.8392

■ 102.9660, 98.2550,
228.7775

■ 3.6500, 2.8232,
22.4938

■ 131.1315,
126.0958, 278.1512

■ 1.5061, 1.0401,
14.0184

164.0150,
158.7540, 334.1618

■ 0.3300, 0.0000,
7.9945

201.9819,

■ 0.0000, 0.0000,

196.6137, 397.2279

4.0037

245.3975,
240.0596, 467.7681

■ 0.0000, 0.0000,
1.6274

■ 0.0000, 0.0000,
0.3103

■ 30.1778, 27.3766,
89.2816

■ 30.1778, 27.3766,
89.2816

■ 25.7766, 21.7189,
88.4221

■ 35.7582, 34.2164,
90.3083

■ 22.4559, 17.1649,
87.7181

■ 42.5985, 42.3038,
91.5088

■ 20.1045, 13.6291,
87.1596

■ 50.7757, 51.7023,
92.8919

■ 18.7246, 11.3223,
86.7871

■ 60.3597, 62.4699,
94.4651

■ 71.4150, 74.6610,
96.2356

■ 84.0022, 88.3269,
98.2099

■ 93.3292, 99.3117,
99.8386

Harmonies

Analogous

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



22.7039, 27.3766, 90.0571



30.1778, 27.3766, 89.2816



37.7604, 27.3766, 68.4062

Triad

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



30.1778, 27.3766, 89.2816



37.3072, 27.3766, 8.9496



14.4387, 27.3766, 20.9372

Complementary

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



30.1778, 27.3766, 89.2816



59.7541, 60.8913, 19.1952

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.



17.0076, 27.3766, 9.4132



30.1778, 27.3766, 89.2816



29.6457, 27.3766, 5.0783

Square

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



30.1778, 27.3766, 89.2816



42.3832, 27.3766, 19.8589



22.2639, 27.3766, 5.1936



14.5267, 27.3766, 42.6253

Rectangle

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



30.1778, 27.3766, 89.2816



41.4436, 27.3766, 49.8256



22.2639, 27.3766, 5.1936



14.9952, 27.3766, 16.0310

Sweetspot

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



30.1789, 27.3775, 89.2823



70.7255, 73.4952, 105.0661



47.2769, 71.2055, 65.2868



14.4066, 14.9200, 22.3705



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.1789, 27.3775, 89.2823



27.3883, 22.5311, 97.5132



28.6456, 18.8239, 87.7121



15.9864, 16.7370, 20.9306



10.2853, 6.3645, 47.2244



0.9901, 0.7317, 4.1793

Inverse Universe

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



45.9722, 29.1041, 27.6214



46.7750, 26.6193, 21.3805



62.1038, 79.8065, 22.7224



16.7037, 16.5643, 18.1863



20.9961, 10.7419, 4.6877



1.8888, 0.9615, 0.6410

Previews

White Background



This preview shows how the XYZ color 30.1778, 27.3766, 89.2816 looks on a white background.

Color Contrast Check

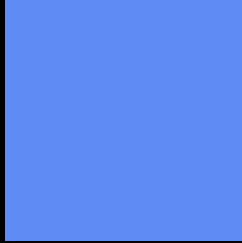
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.1778, 27.3766, 89.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

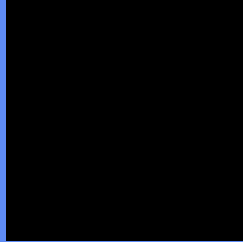
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1778, 27.3766, 89.2816

Background



This preview shows how black text looks on a background with the XYZ color 30.1778, 27.3766, 89.2816.



This preview shows how white text looks on a background with the XYZ color 30.1778, 27.3766,

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

30.1778, 27.3766, 89.2816

Protanopia

30.3856, 27.4837, 89.2913

Deuteranopia

28.4657, 27.6109, 88.6231



Tritanopia

20.6437, 27.4739, 41.2608

Trichromacy



Original Color

30.1778, 27.3766, 89.2816

Protanomaly

30.2811, 27.4298, 89.2864

Deuteranomaly

28.9112, 27.3948, 88.5580

Tritanomaly

23.3959, 27.1003, 56.2223

Monochromacy



Original Color

30.1778, 27.3766, 89.2816

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0503, 25.4889, 45.1945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1778, 27.3766, 89.2816 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(94, 139, 244)` looks like.

```
.text, #text, p{  
    color:rgb(94, 139, 244)  
}
```

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(94, 139, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 139, 244) }
```

Border

The CSS property to change the border of an element to XYZ 30.1778, 27.3766, 89.2816 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(94, 139, 244) }
```


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

```
.border{ border-color:rgb(94, 139, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 139, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 139, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 139, 244);  
box-shadow:4px 4px 4px 4px rgb(94, 139,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1778, 27.3766, 89.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 139, 244) }
```

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

```
.background{ background-color: rgb(94, 139,  
244) }
```

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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