

Converting Colors

XYZ(29.1095, 29.2481, 77.5839)

Have a look what the booklet for
XYZ(29.1095, 29.2481, 77.5839)
contains.

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Color

**XYZ(29.1647, 29.3716,
77.5309)**

Conversions

Conversions Part 1

Format	Color
Hex	5C95E4
RGB	92, 149, 228
RGB Percent	36%, 58%, 89%
CMY	0.6392, 0.4157, 0.1059
CMYK	0.60, 0.35, 0.00, 0.11
HSL	215°, 72%, 63%
HSV	215°, 60%, 89%
XYZ	29.1647, 29.3716, 77.5309
YIQ	140.9630, -59.3310, 12.4850

Conversions

Conversions Part 2

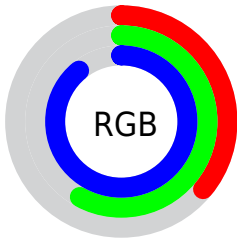
Format	Color
R _Y B	92, 132, 228
Decimal	6067684
CIE Lab	61.11, 4.88, -45.65
CIE LCh	61, 45.910, 276.102
Yxy	29.3716, 0.2143, 0.2159
Android (android.graphics.Color)	4284257764 (0xFF5C95E4)
YUV	140.9630, 42.9092, -42.9406
Hunter-Lab	54.1956, 1.2154, -46.8820

Details

The XYZ color **29.1647, 29.3716, 77.5309** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **48.4915, 46.3954, 16.5264**, and the grayscale version is **25.1580, 26.4682, 28.8239**.

A 20% lighter version of the original color is **52.3548, 56.6073, 102.7746**, and **12.0462, 11.9734, 40.7059** is the 20% darker color. If you saturate the color by 10%, you get **25.2427, 24.4142, 76.7813**, and if you desaturate by 10%, it is **34.0125, 35.1608, 78.3934**.

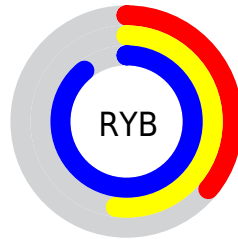
Distribution



Red (36%)

Green (58%)

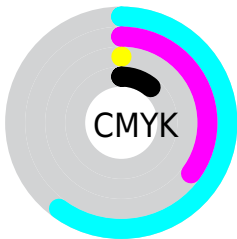
Blue (89%)



Red (36%)

Yellow (52%)

Blue (89%)

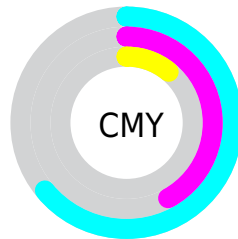


Cyan (60%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1647, 29.3716, 77.5309 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 29.1647, 29.3716, 77.5309 by changing the saturation by 10% instead.

■ 29.1647, 29.3716,
77.5309

■ 29.1647, 29.3716,
77.5309

289.9715,
298.9643, 506.0579

■ 19.3504, 19.3621,
57.1745

■ 57.7344, 58.6670,
131.6685

■ 12.0292, 11.9322,
40.7351

■ 77.2205, 78.7216,
166.2868

■ 6.8359, 6.6975,
27.7940

■ 100.6612,
102.8935, 206.4962

■ 3.4051, 3.2737,
17.9328

■ 128.4219,
131.5669, 252.7151

■ 1.3714, 1.2762,
10.7328

160.8679,
165.1263, 305.3622

■ 0.2357, 0.1227,
5.7755

198.3646,

■ 0.0000, 0.0000,

203.9561, 364.8561

2.6425

241.2773,
248.4406, 431.6151

■ 0.0000, 0.0000,
0.9143

■ 0.0000, 0.0000,
0.0000

■ 29.1647, 29.3716,
77.5309

■ 29.1647, 29.3716,
77.5309

■ 25.2427, 24.4142,
76.7813

■ 34.0125, 35.1608,
78.3934

■ 22.1715, 20.2370,
76.1369

■ 39.8459, 41.8228,
79.3719

■ 19.8683, 16.7853,
75.5921

■ 46.7234, 49.3988,
80.4717

■ 18.1988, 13.9766,
75.1379

■ 54.6976, 57.9262,
81.6974

■ 18.1460, 13.8860,
75.1232

■ 63.8174, 67.4401,
83.0531

■ 74.1285, 77.9737,
84.5428

■ 85.6741, 89.5583,
86.1703

■ 90.9907, 98.3555,
87.5881

■ 91.0037, 98.3815,
87.5925

Harmonies

Analogous

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



23.4877, 29.3716, 72.8416



29.1647, 29.3716, 77.5309



35.3031, 29.3716, 66.9134

Triad

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



29.1647, 29.3716, 77.5309



38.3458, 29.3716, 16.1616



18.6196, 29.3716, 20.3490

Complementary

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



29.1647, 29.3716, 77.5309



48.4915, 46.3954, 16.5264

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.



21.6401, 29.3716, 11.9859



29.1647, 29.3716, 77.5309



32.8705, 29.3716, 10.2468

Square

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



29.1647, 29.3716, 77.5309



41.0720, 29.3716, 28.5865



26.7051, 29.3716, 9.0542



17.9214, 29.3716, 35.6334

Rectangle

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



29.1647, 29.3716, 77.5309



38.6621, 29.3716, 54.2457



26.7051, 29.3716, 9.0542



19.3734, 29.3716, 16.8331

Sweetspot

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



29.1658, 29.3726, 77.5316



72.2088, 76.4620, 105.5606



39.3261, 60.6302, 47.2009



14.7652, 15.6372, 22.4900



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.



29.1658, 29.3726, 77.5316



31.3222, 29.8632, 98.7211



23.2066, 16.0281, 75.2700



14.0767, 14.8748, 18.2735



10.5893, 8.2407, 43.4157



0.8726, 0.7892, 3.2383

Inverse Universe

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



41.2479, 26.3197, 31.3407



48.8915, 27.9666, 30.9819



58.8695, 71.3100, 20.7885



14.6263, 14.4677, 16.2325



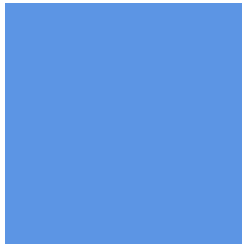
19.7385, 10.0296, 7.5178



1.5041, 0.7593, 0.7951

Previews

White Background



This preview shows how the XYZ color 29.1647, 29.3716, 77.5309 looks on a white background.

Color Contrast Check

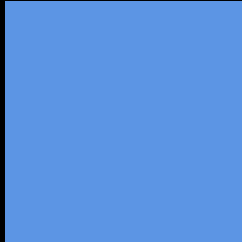
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1647, 29.3716, 77.5309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

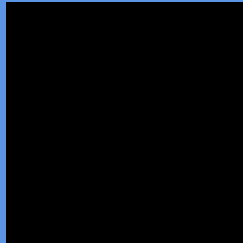
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

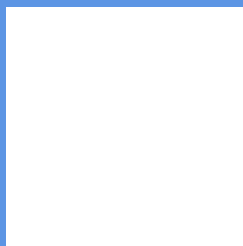
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1647, 29.3716, 77.5309

Background



This preview shows how black text looks on a background with the XYZ color 29.1647, 29.3716, 77.5309.



This preview shows how white text looks on a background with the XYZ color 29.1647, 29.3716,

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

29.1647, 29.3716, 77.5309

Protanopia

31.0356, 29.2503, 74.5311

Deuteranopia

30.2855, 29.4676, 78.2203



Tritanopia

22.4975, 29.3877, 44.0218

Trichromacy



Original Color

29.1647, 29.3716, 77.5309

Protanomaly

30.1762, 29.2452, 75.2886

Deuteranomaly

29.9883, 29.5463, 78.2512

Tritanomaly

24.5747, 29.2050, 54.7940

Monochromacy



Original Color

29.1647, 29.3716, 77.5309

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.6845, 27.1746, 43.4267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1647, 29.3716, 77.5309 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(92, 149, 228)` looks like.

```
.text, #text, p{  
    color:rgb(92, 149, 228)  
}
```

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(92, 149, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 149, 228) }
```

Border

The CSS property to change the border of an element to XYZ 29.1647, 29.3716, 77.5309 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(92, 149, 228) }
```


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

```
.border{ border-color:rgb(92, 149, 228) }
```

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

Here you see how a box with a 4 pixel rgb(92, 149, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 149, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 149, 228);  
box-shadow:4px 4px 4px 4px rgb(92, 149,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1647, 29.3716, 77.5309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 149, 228) }
```

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

```
.background{ background-color: rgb(92, 149,  
228) }
```

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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