

Converting Colors

XYZ(30.1145, 27.4574, 79.6387)

Have a look what the booklet for
XYZ(30.1145, 27.4574, 79.6387)
contains.

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Color

**XYZ(30.0868, 27.5498,
79.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8BE7
RGB	110, 139, 231
RGB Percent	43%, 55%, 91%
CMY	0.5686, 0.4549, 0.0941
CMYK	0.52, 0.40, 0.00, 0.09
HSL	226°, 72%, 67%
HSV	226°, 52%, 91%
XYZ	30.0868, 27.5498, 79.3332
YIQ	140.8170, -46.8160, 22.4640

Conversions

Conversions Part 2

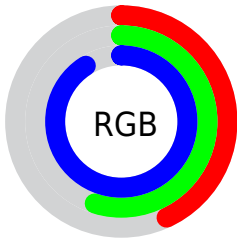
Format	Color
R _Y B	110, 133, 231
Decimal	7244775
CIE Lab	59.48, 15.42, -49.83
CIE LCh	59, 52.161, 287.191
Yxy	27.5498, 0.2197, 0.2011
Android (android.graphics.Color)	4285434855 (0xFF6E8BE7)
YUV	140.8170, 44.4602, -27.0265
Hunter-Lab	52.4879, 10.4649, -52.8727

Details

The XYZ color **30.0868, 27.5498, 79.3332** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **56.8914, 60.3578, 23.4050**, and the grayscale version is **25.0915, 26.3982, 28.7476**.

A 20% lighter version of the original color is **53.0481, 53.2441, 102.0889**, and **12.6130, 11.0359, 42.0228** is the 20% darker color. If you saturate the color by 10%, you get **25.2363, 21.5727, 78.4357**, and if you desaturate by 10%, it is **36.0971, 34.7321, 80.4033**.

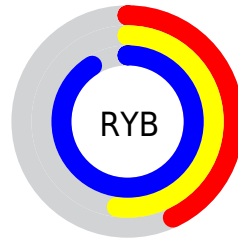
Distribution



Red (43%)

Green (55%)

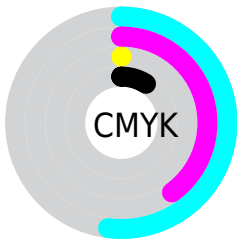
Blue (91%)



Red (43%)

Yellow (52%)

Blue (91%)

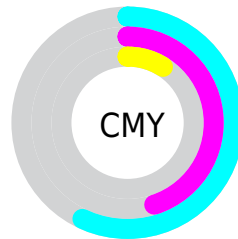


Cyan (52%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (45%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0868, 27.5498, 79.3332 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 30.0868, 27.5498, 79.3332 by changing the saturation by 10% instead.

■ 30.0868, 27.5498,
79.3332

■ 30.0868, 27.5498,
79.3332

294.2114,
290.3094, 512.3302

■ 20.0529, 17.9866,
58.6469

■ 59.1851, 55.7649,
134.2308

■ 12.5420, 10.9403,
41.9108

■ 78.9802, 75.1855,
169.2791

■ 7.1887, 6.0267,
28.7064

■ 102.7597, 98.6607,
209.9518

■ 3.6278, 2.8613,
18.6152

130.8891,
126.5749, 256.6674

■ 1.4938, 1.0598,
11.2185

163.7335,
159.3125, 309.8445

■ 0.3216, 0.0000,
6.0980

201.6585,

■ 0.0000, 0.0000,

197.2578, 369.9017

2.8350

245.0294,
240.7953, 437.2574

■ 0.0000, 0.0000,
1.0110

■ 0.0000, 0.0000,
0.0000

■ 30.0868, 27.5498,
79.3332

■ 30.0868, 27.5498,
79.3332

■ 25.2363, 21.5727,
78.4357

■ 36.0971, 34.7321,
80.4033

■ 21.4632, 16.7283,
77.6995

■ 43.3352, 43.1804,
81.6525

■ 18.6792, 12.9401,
77.1151

■ 51.8676, 52.9549,
83.0895

■ 16.7786, 10.1194,
76.6708

■ 61.7548, 64.1106,
84.7216

■ 15.8073, 8.5363,
76.4164

■ 73.0536, 76.6996,
86.5560

■ 85.8175, 90.7711,
88.5994

■ 91.4239, 98.5496,
89.8053

Harmonies

Analogous

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



23.4911, 27.5498, 80.7061



30.0868, 27.5498, 79.3332



36.5541, 27.5498, 61.7906

Triad

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



30.0868, 27.5498, 79.3332



35.7102, 27.5498, 10.5539



15.7242, 27.5498, 22.6899

Complementary

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



30.0868, 27.5498, 79.3332



56.8914, 60.3578, 23.4050

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.



17.9898, 27.5498, 11.5559



30.0868, 27.5498, 79.3332



29.0779, 27.5498, 6.7808

Square

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



30.0868, 27.5498, 79.3332



40.1539, 27.5498, 20.5495



22.6365, 27.5498, 7.0491



15.9022, 27.5498, 41.9704

Rectangle

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



30.0868, 27.5498, 79.3332



39.5951, 27.5498, 46.2649



22.6365, 27.5498, 7.0491



16.2069, 27.5498, 18.0744

Sweetspot

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



30.0879, 27.5507, 79.3339



72.4897, 74.8457, 105.2338



45.5206, 64.6730, 65.1894



14.9658, 15.3997, 22.4336



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.



30.0879, 27.5507, 79.3339



31.0691, 26.3523, 98.0567



30.8585, 22.5201, 78.3223



13.8619, 14.4451, 18.2019



8.9420, 4.9461, 42.8666



0.7317, 0.5074, 3.1913

Inverse Universe

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



43.1921, 30.0062, 27.9422



49.4972, 31.0171, 25.5142



55.4116, 70.6613, 25.4718



14.5179, 14.4243, 15.6615



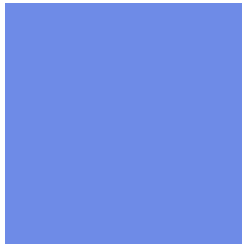
18.9070, 9.6970, 3.1394



1.4330, 0.7309, 0.4206

Previews

White Background



This preview shows how the XYZ color 30.0868, 27.5498, 79.3332 looks on a white background.

Color Contrast Check

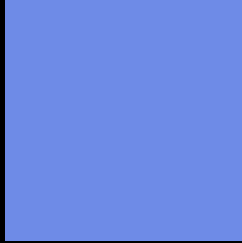
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0868, 27.5498, 79.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

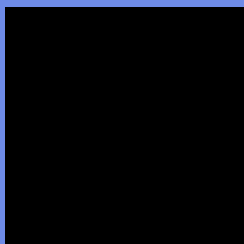
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0868, 27.5498, 79.3332

Background



This preview shows how black text looks on a background with the XYZ color 30.0868, 27.5498, 79.3332.

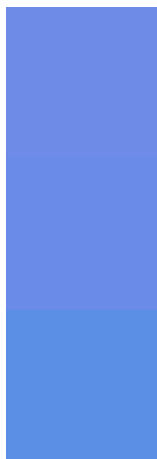


This preview shows how white text looks on a background with the XYZ color 30.0868, 27.5498,

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

30.0868, 27.5498, 79.3332

Protanopia

29.8874, 27.6465, 80.1050

Deuteranopia

28.4198, 27.5822, 78.6889



Tritanopia

22.2073, 27.5738, 39.7491

Trichromacy



Original Color

30.0868, 27.5498, 79.3332

Protanomaly

30.0070, 27.7082, 80.1106

Deuteranomaly

28.9929, 27.6558, 78.6729

Tritanomaly

24.5991, 27.3407, 52.1249

Monochromacy



Original Color

30.0868, 27.5498, 79.3332

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2240, 26.5580, 43.7884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0868, 27.5498, 79.3332 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(110, 139, 231)` looks like.

```
.text, #text, p{  
    color:rgb(110, 139, 231)  
}
```

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(110, 139, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 139, 231) }
```

Border

The CSS property to change the border of an element to XYZ 30.0868, 27.5498, 79.3332 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(110, 139, 231) }
```


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

```
.border{ border-color:rgb(110, 139, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 139, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 139, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 139, 231); box-shadow:4px 4px 4px 4px rgb(110, 139, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0868, 27.5498, 79.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 139, 231) }
```

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

```
.background{ background-color: rgb(110,  
139, 231) }
```

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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