

Converting Colors

XYZ(30.7943, 27.2612, 98.2466)

Have a look what the booklet for
XYZ(30.7943, 27.2612, 98.2466)
contains.

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Color

**XYZ(30.7946, 27.2818,
98.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	548AFF
RGB	84, 138, 255
RGB Percent	33%, 54%, 100%
CMY	0.6706, 0.4588, 0.0000
CMYK	0.67, 0.46, 0.00, 0.00
HSL	221°, 100%, 66%
HSV	221°, 67%, 100%
XYZ	30.7946, 27.2818, 98.2506
YIQ	135.1920, -69.7410, 24.9390

Conversions

Conversions Part 2

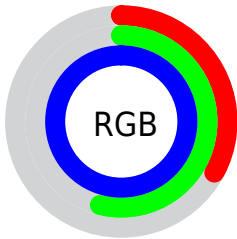
Format	Color
R _Y B	84, 125, 255
Decimal	5540607
CIE Lab	59.23, 19.13, -63.55
CIE LCh	59, 66.367, 286.750
Yxy	27.2818, 0.1970, 0.1745
Android (android.graphics.Color)	4283730687 (0xFF548AFF)
YUV	135.1920, 59.0653, -44.8954
Hunter-Lab	52.2320, 13.8329, -74.9646

Details

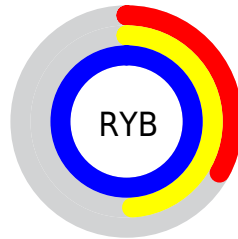
The XYZ color **30.7946, 27.2818, 98.2506** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **63.7292, 63.6774, 17.3216**, and the grayscale version is **22.9080, 24.1010, 26.2459**.

A 20% lighter version of the original color is **49.0752, 50.8712, 101.8403**, and **13.6504, 11.1760, 54.2610** is the 20% darker color. If you saturate the color by 10%, you get **26.6079, 21.7013, 97.3941**, and if you desaturate by 10%, it is **36.2158, 34.0962, 99.2802**.

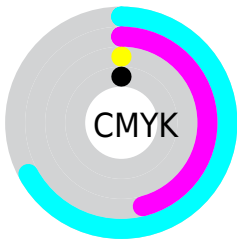
Distribution



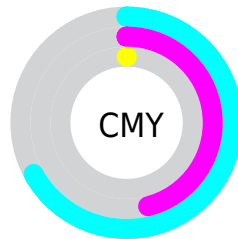
- Red (33%)
- Green (54%)
- Blue (100%)



- Red (33%)
- Yellow (49%)
- Blue (100%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7946, 27.2818, 98.2506 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 30.7946, 27.2818, 98.2506 by changing the saturation by 10% instead.

■ 30.7946, 27.2818,
98.2506

■ 30.7946, 27.2818,
98.2506

297.4347,
289.0190, 575.7679

■ 20.5936, 17.7850,
74.2316

■ 60.2946, 55.3357,
160.7819

■ 12.9380, 10.7957,
54.4857

■ 80.3242, 74.6616,
200.1313

■ 7.4626, 5.9296,
38.5943

■ 104.3608, 98.0327,
245.4278

■ 3.8019, 2.8023,
26.1389

■ 132.7696,
125.8333, 297.0902

■ 1.5907, 1.0294,
16.7009

165.9161,
158.4478, 355.5368

■ 0.3863, 0.0000,
9.8617

204.1655,

■ 0.0000, 0.0000,

196.2607, 421.1863

5.2030

247.8833,
239.6563, 494.4572

■ 0.0000, 0.0000,
2.3060

■ 0.0000, 0.0000,
0.7346

■ 30.7946, 27.2818,
98.2506

■ 30.7946, 27.2818,
98.2506

■ 26.6079, 21.7013,
97.3941

■ 36.2158, 34.0962,
99.2802

■ 23.5382, 17.2649,
96.6996

■ 42.9672, 42.2196,
100.4923

■ 21.4444, 13.8694,
96.1545

■ 51.1377, 51.7231,
101.8960

■ 20.9568, 13.0335,
96.0189

■ 60.8077, 62.6716,
103.4997

■ 72.0509, 75.1257,
105.3110

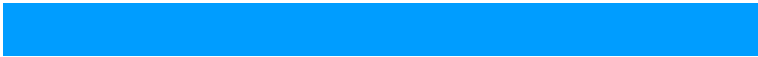
■ 84.9362, 89.1421,
107.3373

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



22.4499, 27.2818, 99.8589



30.7946, 27.2818, 98.2506



39.3410, 27.2818, 73.1789

Triad

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



30.7946, 27.2818, 98.2506



38.4403, 27.2818, 7.3339



13.3159, 27.2818, 20.4321

Complementary

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



30.7946, 27.2818, 98.2506



63.7292, 63.6774, 17.3216

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.



15.9772, 27.2818, 8.1363



30.7946, 27.2818, 98.2506



29.7535, 27.2818, 3.7574

Square

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



30.7946, 27.2818, 98.2506



44.3585, 27.2818, 18.4074



21.6077, 27.2818, 3.9419



13.4779, 27.2818, 44.8781

Rectangle

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



30.7946, 27.2818, 98.2506



43.4811, 27.2818, 51.5840



21.6077, 27.2818, 3.9419



13.8810, 27.2818, 15.0969

Sweetspot

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



30.7957, 27.2826, 98.2507



68.5723, 71.2982, 104.7555



49.9424, 77.6154, 67.5168



13.9947, 14.5056, 22.3122



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.



30.7957, 27.2826, 98.2507



25.5934, 20.2801, 97.1733



28.3385, 17.2313, 96.4401



17.4710, 18.3137, 22.8640



11.0678, 7.0452, 50.2111



1.1708, 0.8722, 4.9199

Inverse Universe

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



48.9986, 29.4372, 27.1447



45.5423, 24.8750, 18.7461



67.9933, 87.9520, 21.7823



18.2456, 18.0816, 19.9107



22.3747, 11.4392, 5.3578



2.2256, 1.1326, 0.7692

Previews

White Background



This preview shows how the XYZ color 30.7946, 27.2818, 98.2506 looks on a white background.

Color Contrast Check

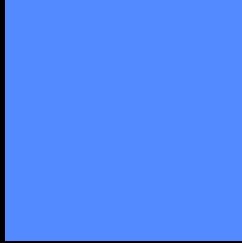
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7946, 27.2818, 98.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

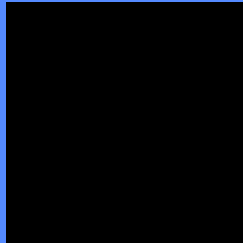
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

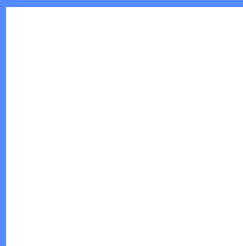
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7946, 27.2818, 98.2506

Background



This preview shows how black text looks on a background with the XYZ color 30.7946, 27.2818, 98.2506.



This preview shows how white text looks on a background with the XYZ color 30.7946, 27.2818,

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

30.7946, 27.2818, 98.2506

Protanopia

30.8848, 27.3283, 98.2548

Deuteranopia

28.4277, 27.3936, 97.5551



Tritanopia

19.4507, 27.0874, 42.2334

Trichromacy



Original Color

30.7946, 27.2818, 98.2506

Protanomaly

30.8848, 27.3283, 98.2548

Deuteranomaly

28.8778, 27.1799, 97.4901

Tritanomaly

22.2483, 26.4418, 59.1895

Monochromacy



Original Color

30.7946, 27.2818, 98.2506

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1433, 24.5760, 46.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7946, 27.2818, 98.2506 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(84, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 138, 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(84, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 138, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.7946, 27.2818, 98.2506 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(84, 138, 255) }
```


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

```
.border{ border-color:rgb(84, 138, 255) }
```

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

Here you see how a box with a 4 pixel rgb(84, 138, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 138,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7946, 27.2818, 98.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 138, 255) }
```

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

```
.background{ background-color: rgb(84, 138,  
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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