

Converting Colors

XYZ(31.2702, 28.8774, 96.8543)

Have a look what the booklet for
XYZ(31.2702, 28.8774, 96.8543)
contains.

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Color

**XYZ(31.2702, 28.8774,
96.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	5390FD
RGB	83, 144, 253
RGB Percent	33%, 56%, 99%
CMY	0.6745, 0.4353, 0.0078
CMYK	0.67, 0.43, 0.00, 0.01
HSL	218°, 98%, 66%
HSV	218°, 67%, 99%
XYZ	31.2702, 28.8774, 96.8543
YIQ	138.1870, -71.3450, 20.9670

Conversions

Conversions Part 2

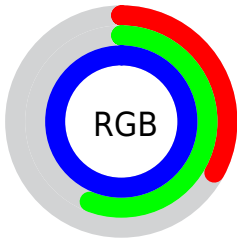
Format	Color
R_{YB}	83, 128, 253
Decimal	5476605
CIE _{Lab}	60.67, 14.68, -60.15
CIE _{LCh}	61, 61.917, 283.717
Yxy	28.8774, 0.1992, 0.1839
Android (android.graphics.Color)	4283666685 (0xFF5390FD)
YUV	138.1870, 56.6028, -48.3990
Hunter-Lab	53.7377, 9.8290, -69.2451

Details

The XYZ color **31.2702, 28.8774, 96.8543** 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 **60.9219, 59.2112, 16.4037**, and the grayscale version is **24.0406, 25.2926, 27.5437**.

A 20% lighter version of the original color is **50.2290, 53.4484, 102.2770**, and **13.9665, 11.9909, 53.8029** is the 20% darker color. If you saturate the color by 10%, you get **27.1482, 23.3634, 96.0079**, and if you desaturate by 10%, it is **36.5616, 35.5189, 97.8580**.

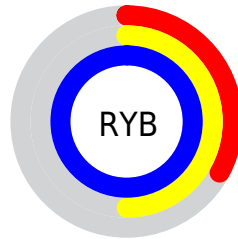
Distribution



Red (33%)

Green (56%)

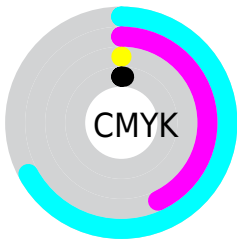
Blue (99%)



Red (33%)

Yellow (50%)

Blue (99%)

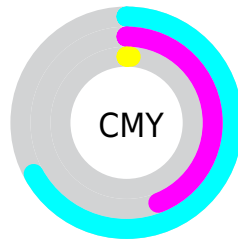


Cyan (67%)

Magenta (43%)

Yellow (0%)

Black (1%)



Cyan (67%)

Magenta (44%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2702, 28.8774, 96.8543 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 31.2702, 28.8774, 96.8543 by changing the saturation by 10% instead.

■ 31.2702, 28.8774,
96.8543

■ 31.2702, 28.8774,
96.8543

299.5859,
296.6361, 571.2197

■ 20.9575, 18.9881,
73.0739

■ 61.0382, 57.8822,
158.8415

■ 13.2052, 11.6617,
53.5442

■ 81.2242, 77.7666,
197.8853

■ 7.6480, 6.5137,
37.8467

■ 105.4320,
101.7514, 242.8540

■ 3.9204, 3.1599,
25.5628

■ 134.0270,
130.2210, 294.1661

■ 1.6572, 1.2158,
16.2740

167.3746,
163.5599, 352.2402

■ 0.4293, 0.0745,
9.5618

205.8400,

■ 0.0000, 0.0000,

202.1524, 417.4948

5.0076

249.7886,
246.3830, 490.3485

■ 0.0000, 0.0000,
2.1929

■ 0.0000, 0.0000,
0.6703

■ 31.2702, 28.8774,
96.8543

■ 31.2702, 28.8774,
96.8543

■ 27.1482, 23.3634,
96.0079

■ 36.5616, 35.5189,
97.8580

■ 24.0835, 18.8962,
95.3072

■ 43.1124, 43.3544,
99.0251

■ 21.9410, 15.3824,
94.7418

■ 51.0071, 52.4476,
100.3642

■ 21.4515, 14.5355,
94.6042

■ 60.3215, 62.8563,
101.8824

■ 71.1253, 74.6343,
103.5863

■ 83.4836, 87.8324,
105.4825

94.7297, 99.8719,
107.2136

Harmonies

Analogous

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



23.3451, 28.8774, 95.7747



31.2702, 28.8774, 96.8543



39.5484, 28.8774, 75.4036

Triad

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



31.2702, 28.8774, 96.8543



40.1746, 28.8774, 9.7263



15.1426, 28.8774, 20.6110

Complementary

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



31.2702, 28.8774, 96.8543



60.9219, 59.2112, 16.4037

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.



18.1066, 28.8774, 9.1006



31.2702, 28.8774, 96.8543



32.0035, 28.8774, 5.2431

Square

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



31.2702, 28.8774, 96.8543



45.3268, 28.8774, 22.0864



23.9490, 28.8774, 5.0895



15.0227, 28.8774, 43.1260

Rectangle

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



31.2702, 28.8774, 96.8543



43.7325, 28.8774, 55.3434



23.9490, 28.8774, 5.0895



15.8087, 28.8774, 15.6563

Sweetspot

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



31.2714, 28.8783, 96.8551



69.1524, 72.4585, 104.9489



48.0615, 75.8377, 61.2057



14.1324, 14.7809, 22.3581



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.



31.2714, 28.8783, 96.8551



26.3185, 21.9159, 97.4508



26.7292, 16.3244, 94.6713



17.5364, 18.4443, 22.8858



11.5362, 7.9821, 50.3672



1.2222, 0.9751, 4.9371

Inverse Universe

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



48.6365, 29.0846, 29.4365



45.8630, 24.8299, 20.9695



69.4282, 87.7543, 21.4648



18.2786, 18.0948, 20.0844



22.6112, 11.5338, 6.6028



2.2515, 1.1430, 0.9059

Previews

White Background



This preview shows how the XYZ color 31.2702, 28.8774, 96.8543 looks on a white background.

Color Contrast Check

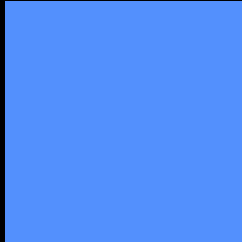
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2702, 28.8774, 96.8543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

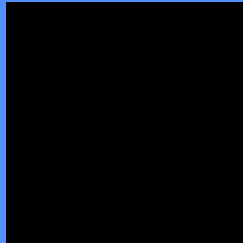
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

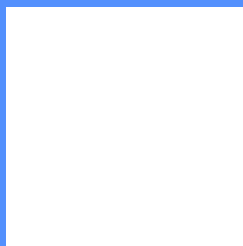
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.2702, 28.8774, 96.8543

Background



This preview shows how black text looks on a background with the XYZ color 31.2702, 28.8774, 96.8543.



This preview shows how white text looks on a background with the XYZ color 31.2702, 28.8774,

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

31.2702, 28.8774, 96.8543

Protanopia

32.0154, 28.8524, 95.1485

Deuteranopia

29.8679, 28.8564, 96.0911



Tritanopia

20.7157, 28.7163, 44.4954

Trichromacy



Original Color

31.2702, 28.8774, 96.8543

Protanomaly

31.8068, 28.9485, 96.0067

Deuteranomaly

30.2335, 28.8150, 96.0638

Tritanomaly

23.5395, 28.2900, 60.7198

Monochromacy



Original Color

31.2702, 28.8774, 96.8543

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0875, 25.9030, 46.8575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2702, 28.8774, 96.8543 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(83, 144, 253)` looks like.

```
.text, #text, p{  
    color:rgb(83, 144, 253)  
}
```

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(83, 144, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 144, 253) }
```

Border

The CSS property to change the border of an element to XYZ 31.2702, 28.8774, 96.8543 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(83, 144, 253) }
```


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

```
.border{ border-color:rgb(83, 144, 253) }
```

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

Here you see how a box with a 4 pixel rgb(83, 144, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 144, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 144, 253);  
box-shadow:4px 4px 4px 4px rgb(83, 144,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2702, 28.8774, 96.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 144, 253) }
```

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

```
.background{ background-color: rgb(83, 144,  
253) }
```

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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