

Converting Colors

XYZ(30.7016, 27.3437, 93.2822)

Have a look what the booklet for
XYZ(30.7016, 27.3437, 93.2822)
contains.

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Color

**XYZ(30.7016, 27.3437,
93.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8AF9
RGB	93, 138, 249
RGB Percent	36%, 54%, 98%
CMY	0.6353, 0.4588, 0.0235
CMYK	0.63, 0.45, 0.00, 0.02
HSL	223°, 93%, 67%
HSV	223°, 63%, 98%
XYZ	30.7016, 27.3437, 93.2822
YIQ	137.1990, -62.4510, 24.9810

Conversions

Conversions Part 2

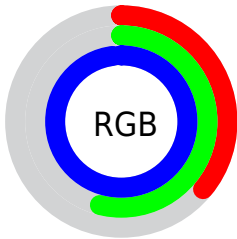
Format	Color
R _Y B	93, 128, 249
Decimal	6130425
CIE Lab	59.29, 18.54, -60.14
CIE LCh	59, 62.931, 287.130
Yxy	27.3437, 0.2029, 0.1807
Android (android.graphics.Color)	4284320505 (0xFF5D8AF9)
YUV	137.1990, 55.1179, -38.7625
Hunter-Lab	52.2912, 13.2926, -69.1635

Details

The XYZ color **30.7016, 27.3437, 93.2822** 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 **62.6382, 64.1200, 19.4330**, and the grayscale version is **23.6694, 24.9021, 27.1184**.

A 20% lighter version of the original color is **50.1984, 51.4502, 101.8929**, and **13.0868, 10.9505, 51.2931** is the 20% darker color. If you saturate the color by 10%, you get **26.2411, 21.5736, 92.4042**, and if you desaturate by 10%, it is **36.3993, 34.3677, 94.3383**.

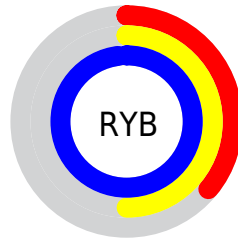
Distribution



Red (36%)

Green (54%)

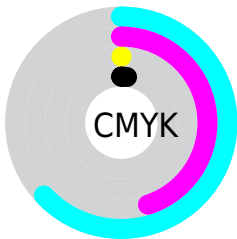
Blue (98%)



Red (36%)

Yellow (50%)

Blue (98%)

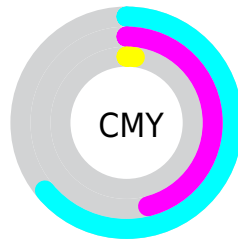


Cyan (63%)

Magenta (45%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (46%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7016, 27.3437, 93.2822 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 30.7016, 27.3437, 93.2822 by changing the saturation by 10% instead.

■ 30.7016, 27.3437,
93.2822

■ 30.7016, 27.3437,
93.2822

297.0127,
289.3174, 559.4941

■ 20.5224, 17.8315,
70.1171

■ 60.1490, 55.4349,
153.8643

■ 12.8858, 10.8291,
51.1446

■ 80.1480, 74.7827,
192.1185

■ 7.4264, 5.9520,
35.9462

■ 104.1509, 98.1779,
236.2394

■ 3.7789, 2.8159,
24.1033

■ 132.5232,
126.0047, 286.6455

■ 1.5778, 1.0364,
15.1973

165.6301,
158.6477, 343.7556

■ 0.3779, 0.0000,
8.8098

203.8371,

■ 0.0000, 0.0000,

196.4913, 407.9880

4.5222

247.5096,
239.9197, 479.7613

■ 0.0000, 0.0000,
1.9160

■ 0.0000, 0.0000,
0.5029

■ 30.7016, 27.3437,
93.2822

■ 30.7016, 27.3437,
93.2822

■ 26.2411, 21.5736,
92.4042

■ 36.3993, 34.3677,
94.3383

■ 22.9111, 16.9719,
91.6914

■ 43.4213, 42.7175,
95.5798

■ 20.5907, 13.4441,
91.1328

■ 51.8504, 52.4622,
97.0165

■ 19.4047, 11.4509,
90.8106

■ 61.7614, 63.6649,
98.6565

■ 73.2236, 76.3849,
100.5076

■ 86.3018, 90.6777,
102.5771

■ 94.0990, 99.6196,
103.8921

Harmonies

Analogous

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



22.7650, 27.3437, 95.0769



30.7016, 27.3437, 93.2822



38.7194, 27.3437, 70.0156

Triad

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



30.7016, 27.3437, 93.2822



37.6922, 27.3437, 7.9781



13.8609, 27.3437, 21.1317

Complementary

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



30.7016, 27.3437, 93.2822



62.6382, 64.1200, 19.4330

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.



16.4089, 27.3437, 8.9618



30.7016, 27.3437, 93.2822



29.5047, 27.3437, 4.3675

Square

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



30.7016, 27.3437, 93.2822



43.2806, 27.3437, 18.7537



21.7858, 27.3437, 4.6032



14.0530, 27.3437, 44.4335

Rectangle

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



30.7016, 27.3437, 93.2822



42.5570, 27.3437, 49.9709



21.7858, 27.3437, 4.6032



14.3996, 27.3437, 15.9157

Sweetspot

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



30.7028, 27.3446, 93.2829



69.3876, 71.8827, 104.8254



49.0757, 74.3533, 67.7684



14.1389, 14.5908, 22.3211



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.



30.7028, 27.3446, 93.2829



26.7345, 21.4743, 97.3436



29.3563, 18.9704, 91.7375



16.6908, 17.4584, 21.8754



10.4919, 6.3393, 48.6442



1.0584, 0.7605, 4.5342

Inverse Universe

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



47.5698, 29.8052, 27.2910



46.3838, 26.2285, 20.0429



64.7064, 83.4172, 23.0487



17.4505, 17.3075, 18.9619



21.5878, 11.0509, 4.5380



2.0432, 1.0410, 0.6507

Previews

White Background



This preview shows how the XYZ color 30.7016, 27.3437, 93.2822 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 30.7016, 27.3437, 93.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

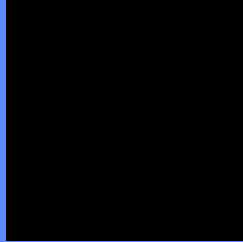
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7016, 27.3437, 93.2822

Background



This preview shows how black text looks on a background with the XYZ color 30.7016, 27.3437, 93.2822.



This preview shows how white text looks on a background with the XYZ color 30.7016, 27.3437,

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

30.7016, 27.3437, 93.2822

Protanopia

30.5017, 27.2407, 93.2729

Deuteranopia

28.4921, 27.5361, 92.6202



Tritanopia

20.4151, 27.3453, 41.7383

Trichromacy



Original Color

30.7016, 27.3437, 93.2822

Protanomaly

30.6010, 27.2918, 93.2775

Deuteranomaly

29.0705, 27.3885, 92.5613

Tritanomaly

23.1873, 26.7304, 57.3635

Monochromacy



Original Color

30.7016, 27.3437, 93.2822

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8667, 25.1706, 45.6673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7016, 27.3437, 93.2822 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(93, 138, 249)` looks like.

```
.text, #text, p{  
    color:rgb(93, 138, 249)  
}
```

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(93, 138, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 138, 249) }
```

Border

The CSS property to change the border of an element to XYZ 30.7016, 27.3437, 93.2822 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(93, 138, 249) }
```


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

```
.border{ border-color:rgb(93, 138, 249) }
```

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

Here you see how a box with a 4 pixel rgb(93, 138, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 138, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 138, 249);  
box-shadow:4px 4px 4px 4px rgb(93, 138,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7016, 27.3437, 93.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 138, 249) }
```

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

```
.background{ background-color: rgb(93, 138,  
249) }
```

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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