

Converting Colors

XYZ(31.1474, 28.2275, 92.9854)

Have a look what the booklet for
XYZ(31.1474, 28.2275, 92.9854)
contains.

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Color

**XYZ(31.0842, 28.2067,
92.6131)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8DF8
RGB	94, 141, 248
RGB Percent	37%, 55%, 97%
CMY	0.6313, 0.4471, 0.0274
CMYK	0.62, 0.43, 0.00, 0.03
HSL	222°, 92%, 67%
HSV	222°, 62%, 97%
XYZ	31.0842, 28.2067, 92.6131
YIQ	139.1450, -62.3590, 23.3130

Conversions

Conversions Part 2

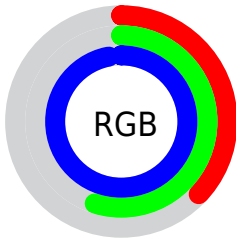
Format	Color
R_{YB}	94, 130, 248
Decimal	6196728
CIE _{Lab}	60.08, 16.58, -58.33
CIE _{LCh}	60, 60.642, 285.863
Yxy	28.2067, 0.2046, 0.1857
Android (android.graphics.Color)	4284386808 (0xFF5E8DF8)
YUV	139.1450, 53.6655, -39.5922
Hunter-Lab	53.1100, 11.5300, -66.2128

Details

The XYZ color **31.0842, 28.2067, 92.6131** 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 **61.6208, 62.5417, 19.4155**, and the grayscale version is **24.4147, 25.6862, 27.9722**.

A 20% lighter version of the original color is **51.0521, 52.8715, 102.1222**, and **13.2311, 11.4159, 50.7963** is the 20% darker color. If you saturate the color by 10%, you get **26.5912, 22.4077, 91.7312**, and if you desaturate by 10%, it is **36.7915, 35.2191, 93.6664**.

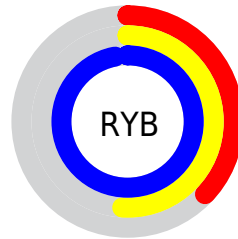
Distribution



Red (37%)

Green (55%)

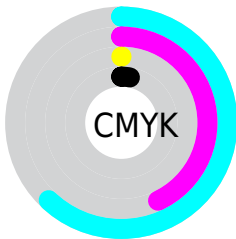
Blue (97%)



Red (37%)

Yellow (51%)

Blue (97%)

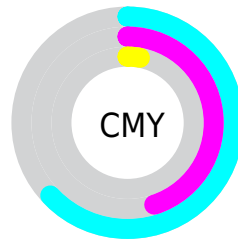


Cyan (62%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (45%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0842, 28.2067, 92.6131 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 31.0842, 28.2067, 92.6131 by changing the saturation by 10% instead.

■ 31.0842, 28.2067,
92.6131

■ 31.0842, 28.2067,
92.6131

298.7460,
293.4533, 557.2829

■ 20.8151, 18.4815,
69.5641

■ 60.7476, 56.8143,
152.9299

■ 13.1006, 11.2963,
50.6966

■ 80.8725, 76.4655,
191.0348

■ 7.5753, 6.2665,
35.5922

■ 105.0135,
100.1941, 234.9954

■ 3.8739, 3.0078,
23.8322

■ 133.5359,
128.3847, 285.2302

■ 1.6311, 1.1358,
14.9981

166.8049,
161.4215, 342.1579

■ 0.4125, 0.0083,
8.6715

205.1861,

■ 0.0000, 0.0000,

199.6889, 406.1969

4.4337

249.0446,
243.5714, 477.7657

■ 0.0000, 0.0000,
1.8661

■ 0.0000, 0.0000,
0.4711

■ 31.0842, 28.2067,
92.6131

■ 31.0842, 28.2067,
92.6131

■ 26.5912, 22.4077,
91.7312

■ 36.7915, 35.2191,
93.6664

■ 23.2093, 17.7411,
91.0087

■ 43.7973, 43.5128,
94.8980

■ 20.8218, 14.1177,
90.4352

■ 52.1820, 53.1532,
96.3169

■ 19.5059, 11.9024,
90.0769

■ 62.0180, 64.2004,
97.9308

■ 73.3725, 76.7104,
99.7470

■ 86.3085, 90.7361,
101.7725

■ 93.9434, 99.5574,
103.0727

Harmonies

Analogous

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



23.3383, 28.2067, 93.3079



31.0842, 28.2067, 92.6131



38.9638, 28.2067, 70.9526

Triad

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



31.0842, 28.2067, 92.6131



38.5588, 28.2067, 9.1626



14.8180, 28.2067, 21.4386

Complementary

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



31.0842, 28.2067, 92.6131



61.6208, 62.5417, 19.4155

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.



17.4890, 28.2067, 9.5736



31.0842, 28.2067, 92.6131



30.6091, 28.2067, 5.1563

Square

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



31.0842, 28.2067, 92.6131



43.8134, 28.2067, 20.4782



22.9461, 28.2067, 5.2581



14.8963, 28.2067, 43.8893

Rectangle

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



31.0842, 28.2067, 92.6131



42.8029, 28.2067, 51.6325



22.9461, 28.2067, 5.2581



15.3979, 28.2067, 16.3787

Sweetspot

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



31.0854, 28.2076, 92.6138



69.6016, 72.3108, 104.8967



48.5208, 73.6499, 65.8354



14.1900, 14.6931, 22.3381



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.



31.0854, 28.2076, 92.6138



27.1215, 22.2484, 97.4727



29.0069, 18.9393, 90.9344



16.7149, 17.5067, 21.8835



10.6450, 6.6455, 48.6952



1.0751, 0.7939, 4.5398

Inverse Universe

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



47.5229, 29.8866, 28.4638



46.5792, 26.3066, 21.0717



65.0337, 83.1232, 23.2083



17.4627, 17.3124, 19.0261



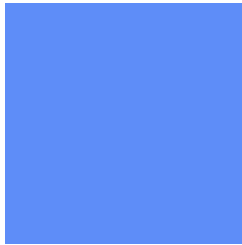
21.6651, 11.0818, 4.9449



2.0516, 1.0444, 0.6951

Previews

White Background



This preview shows how the XYZ color 31.0842, 28.2067, 92.6131 looks on a white background.

Color Contrast Check

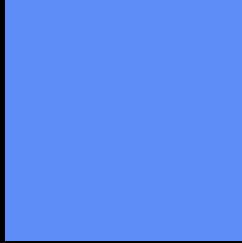
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0842, 28.2067, 92.6131 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

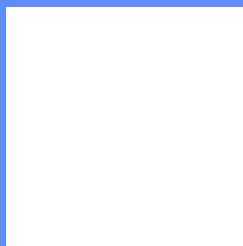
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0842, 28.2067, 92.6131

Background



This preview shows how black text looks on a background with the XYZ color 31.0842, 28.2067, 92.6131.



This preview shows how white text looks on a background with the XYZ color 31.0842, 28.2067,

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

31.0842, 28.2067, 92.6131

Protanopia

31.2511, 28.0749, 92.5788

Deuteranopia

29.3142, 28.4314, 91.9385



Tritanopia

21.1531, 28.2062, 42.8575

Trichromacy



Original Color

31.0842, 28.2067, 92.6131

Protanomaly

31.1452, 28.0203, 92.5739

Deuteranomaly

29.7423, 28.1984, 91.8709

Tritanomaly

23.9913, 27.8452, 58.1430

Monochromacy



Original Color

31.0842, 28.2067, 92.6131

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6831, 26.2218, 46.3555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0842, 28.2067, 92.6131 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(94, 141, 248)` looks like.

```
.text, #text, p{  
    color:rgb(94, 141, 248)  
}
```

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(94, 141, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 141, 248) }
```

Border

The CSS property to change the border of an element to XYZ 31.0842, 28.2067, 92.6131 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(94, 141, 248) }
```


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

```
.border{ border-color:rgb(94, 141, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 141, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 141, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 141, 248);  
box-shadow:4px 4px 4px 4px rgb(94, 141,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0842, 28.2067, 92.6131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 141, 248) }
```

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

```
.background{ background-color: rgb(94, 141,  
248) }
```

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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