

Converting Colors

XYZ(30.6509, 27.8314, 92.0356)

Have a look what the booklet for
XYZ(30.6509, 27.8314, 92.0356)
contains.

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Color

**XYZ(30.5802, 27.7469,
91.7396)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8CF7
RGB	92, 140, 247
RGB Percent	36%, 55%, 97%
CMY	0.6392, 0.4510, 0.0314
CMYK	0.63, 0.43, 0.00, 0.03
HSL	221°, 91%, 66%
HSV	221°, 63%, 97%
XYZ	30.5802, 27.7469, 91.7396
YIQ	137.8460, -62.9550, 23.1010

Conversions

Conversions Part 2

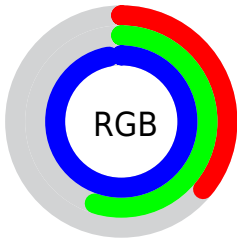
Format	Color
R _Y B	92, 129, 247
Decimal	6065399
CIE Lab	59.66, 16.50, -58.45
CIE LCh	60, 60.734, 285.759
Yxy	27.7469, 0.2038, 0.1849
Android (android.graphics.Color)	4284255479 (0xFF5C8CF7)
YUV	137.8460, 53.8129, -40.2069
Hunter-Lab	52.6753, 11.4448, -66.3870

Details

The XYZ color **30.5802, 27.7469, 91.7396** 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 **60.7153, 61.3974, 18.7779**, and the grayscale version is **23.9189, 25.1645, 27.4042**.

A 20% lighter version of the original color is **50.4464, 52.2300, 102.0303**, and **13.0353, 11.1999, 50.1900** is the 20% darker color. If you saturate the color by 10%, you get **26.2013, 22.0731, 90.8759**, and if you desaturate by 10%, it is **36.1516, 34.6091, 92.7711**.

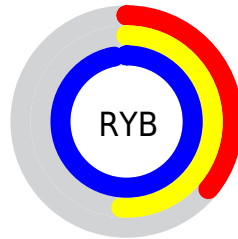
Distribution



Red (36%)

Green (55%)

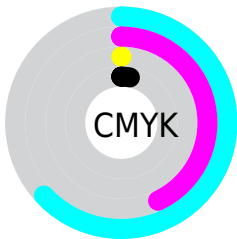
Blue (97%)



Red (36%)

Yellow (51%)

Blue (97%)

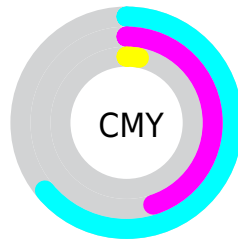


Cyan (63%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (64%)

Magenta (45%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5802, 27.7469, 91.7396 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 30.5802, 27.7469, 91.7396 by changing the saturation by 10% instead.

■ 30.5802, 27.7469,
91.7396

■ 30.5802, 27.7469,
91.7396

296.4611,
291.2555, 554.3891

■ 20.4296, 18.1350,
68.8425

■ 59.9589, 56.0801,
151.7090

■ 12.8178, 11.0469,
50.1125

■ 79.9177, 75.5701,
189.6184

■ 7.3793, 6.0984,
35.1310

■ 103.8767, 99.1217,
233.3690

■ 3.7489, 2.9050,
23.4795

■ 132.2012,
127.1191, 283.3794

■ 1.5611, 1.0823,
14.7393

165.2565,
159.9468, 340.0680

■ 0.3668, 0.0000,
8.4920

203.4080,

■ 0.0000, 0.0000,

197.9892, 403.8535

4.3191

247.0211,
241.6306, 475.1543

■ 0.0000, 0.0000,
1.8020

■ 0.0000, 0.0000,
0.4293

■ 30.5802, 27.7469,
91.7396

■ 30.5802, 27.7469,
91.7396

■ 26.2013, 22.0731,
90.8759

■ 36.1516, 34.6091,
92.7711

■ 22.9121, 17.5077,
90.1680

■ 42.9990, 42.7267,
93.9771

■ 20.5960, 13.9624,
89.6058

■ 51.2022, 52.1641,
95.3663

■ 19.4065, 11.9512,
89.2803

■ 60.8330, 62.9804,
96.9465

■ 71.9581, 75.2308,
98.7247

■ 84.6397, 88.9673,
100.7077

■ 93.7886, 99.4954,
102.2576

Harmonies

Analogous

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



22.9115, 27.7469, 92.3478



30.5802, 27.7469, 91.7396



38.3996, 27.7469, 70.2511

Triad

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



30.5802, 27.7469, 91.7396



38.0460, 27.7469, 8.9428



14.5138, 27.7469, 20.9745

Complementary

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



30.5802, 27.7469, 91.7396



60.7153, 61.3974, 18.7779

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.



17.1624, 27.7469, 9.2986



30.5802, 27.7469, 91.7396



30.1658, 27.7469, 4.9915

Square

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



30.5802, 27.7469, 91.7396



43.2467, 27.7469, 20.1390



22.5698, 27.7469, 5.0791



14.5818, 27.7469, 43.1828

Rectangle

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



30.5802, 27.7469, 91.7396



42.2185, 27.7469, 51.0601



22.5698, 27.7469, 5.0791



15.0897, 27.7469, 15.9870

Sweetspot

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



30.5814, 27.7478, 91.7403



69.6591, 72.4258, 104.9159



47.8592, 72.8712, 64.9207



14.2037, 14.7205, 22.3427



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.



30.5814, 27.7478, 91.7403



27.2274, 22.4602, 97.5080



28.4211, 18.3946, 90.0488



15.9997, 16.7637, 20.9350



10.3739, 6.5416, 47.2539



0.9993, 0.7500, 4.1823

Inverse Universe

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



46.9196, 29.3235, 27.9986



46.6326, 26.3280, 21.3532



64.2819, 82.2907, 22.6228



16.7104, 16.5670, 18.2217



21.0408, 10.7597, 4.9232



1.8935, 0.9633, 0.6653

Previews

White Background



This preview shows how the XYZ color 30.5802, 27.7469, 91.7396 looks on a white background.

Color Contrast Check

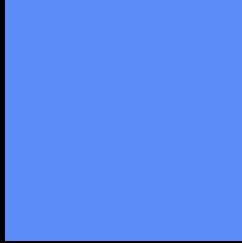
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5802, 27.7469, 91.7396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

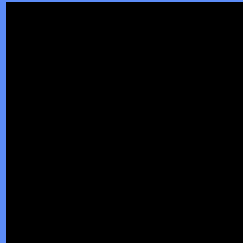
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5802, 27.7469, 91.7396

Background



This preview shows how black text looks on a background with the XYZ color 30.5802, 27.7469, 91.7396.



This preview shows how white text looks on a background with the XYZ color 30.5802, 27.7469,

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

30.5802, 27.7469, 91.7396

Protanopia

30.6910, 27.6059, 90.8996

Deuteranopia

28.8743, 27.9946, 91.0704



Tritanopia

20.7288, 27.7463, 42.2933

Trichromacy



Original Color

30.5802, 27.7469, 91.7396

Protanomaly

30.5865, 27.5520, 90.8948

Deuteranomaly

29.2811, 27.7546, 91.0027

Tritanomaly

23.5744, 27.4037, 57.4730

Monochromacy



Original Color

30.5802, 27.7469, 91.7396

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1537, 25.7445, 45.7629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5802, 27.7469, 91.7396 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(92, 140, 247)` looks like.

```
.text, #text, p{  
    color:rgb(92, 140, 247)  
}
```

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(92, 140, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 140, 247) }
```

Border

The CSS property to change the border of an element to XYZ 30.5802, 27.7469, 91.7396 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(92, 140, 247) }
```


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

```
.border{ border-color:rgb(92, 140, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 140, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 140, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 140, 247);  
box-shadow:4px 4px 4px 4px rgb(92, 140,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5802, 27.7469, 91.7396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 140, 247) }
```

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

```
.background{ background-color: rgb(92, 140,  
247) }
```

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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