

Converting Colors

XYZ(31.1199, 26.5546, 91.4810)

Have a look what the booklet for
XYZ(31.1199, 26.5546, 91.4810)
contains.

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Color

**XYZ(31.1199, 26.5546,
91.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	6A85F7
RGB	106, 133, 247
RGB Percent	42%, 52%, 97%
CMY	0.5843, 0.4784, 0.0314
CMYK	0.57, 0.46, 0.00, 0.03
HSL	229°, 90%, 69%
HSV	229°, 57%, 97%
XYZ	31.1199, 26.5546, 91.4810
YIQ	137.9230, -52.6860, 29.7300

Conversions

Conversions Part 2

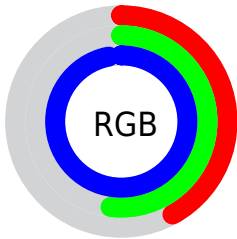
Format	Color
R _Y B	106, 129, 247
Decimal	6981111
CIE Lab	58.56, 23.24, -60.17
CIE LCh	59, 64.501, 291.117
Yxy	26.5546, 0.2086, 0.1780
Android (android.graphics.Color)	4285171191 (0xFF6A85F7)
YUV	137.9230, 53.7750, -27.9965
Hunter-Lab	51.5312, 17.6174, -69.1831

Details

The XYZ color **31.1199, 26.5546, 91.4810** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **66.5549, 72.0051, 24.0282**, and the grayscale version is **23.9453, 25.1923, 27.4344**.

A 20% lighter version of the original color is **51.3348, 50.4448, 101.6389**, and **13.1243, 10.3984, 50.0306** is the 20% darker color. If you saturate the color by 10%, you get **26.1168, 20.2953, 90.5371**, and if you desaturate by 10%, it is **37.4901, 34.2908, 92.6391**.

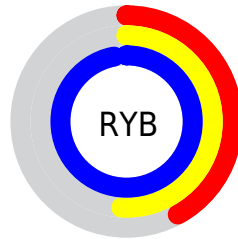
Distribution



Red (42%)

Green (52%)

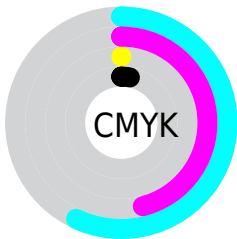
Blue (97%)



Red (42%)

Yellow (51%)

Blue (97%)

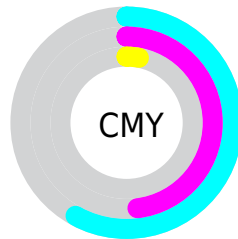


Cyan (57%)

Magenta (46%)

Yellow (0%)

Black (3%)



Cyan (58%)

Magenta (48%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1199, 26.5546, 91.4810 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 31.1199, 26.5546, 91.4810 by changing the saturation by 10% instead.

■ 31.1199, 26.5546,
91.4810

■ 31.1199, 26.5546,
91.4810

298.9073,
285.4941, 553.5307

■ 20.8424, 17.2390,
68.6290

■ 60.8034, 54.1683,
151.3473

■ 13.1207, 10.4050,
49.9398

■ 80.9401, 73.2352,
189.1987

■ 7.5893, 5.6683,
34.9947

■ 105.0939, 96.3213,
232.8870

■ 3.8829, 2.6445,
23.3753

133.6302,
123.8111, 282.8307

■ 1.6361, 0.9491,
14.6629

166.9143,
156.0888, 339.4484

■ 0.4157, 0.0000,
8.4392

205.3117,

■ 0.0000, 0.0000,

193.5390, 403.1586

4.2855

249.1876,
236.5459, 474.3799

■ 0.0000, 0.0000,
1.7832

■ 0.0000, 0.0000,
0.4169

■ 31.1199, 26.5546,
91.4810

■ 31.1199, 26.5546,
91.4810

■ 26.1168, 20.2953,
90.5371

■ 37.4901, 34.2908,
92.6391

■ 22.3732, 15.4128,
89.7920

■ 45.3173, 43.5899,
94.0214

■ 19.7697, 11.7977,
89.2314

■ 54.6872, 54.5338,
95.6400

■ 18.1572, 9.3188,
88.8379

■ 65.6779, 67.1983,
97.5052

■ 17.8167, 8.7717,
88.7503

■ 78.3624, 81.6539,
99.6269

■ 92.8088, 97.9675,
102.0143

■ 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.



22.9648, 26.5546, 96.7534



31.1199, 26.5546, 91.4810



39.0135, 26.5546, 65.7419

Triad

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



31.1199, 26.5546, 91.4810



36.0311, 26.5546, 6.5440



13.0053, 26.5546, 22.7004

Complementary

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



31.1199, 26.5546, 91.4810



66.5549, 72.0051, 24.0282

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.



15.1616, 26.5546, 9.2948



31.1199, 26.5546, 91.4810



27.6594, 26.5546, 3.7074

Square

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



31.1199, 26.5546, 91.4810



42.2353, 26.5546, 15.8969



20.1506, 26.5546, 4.3520



13.5516, 26.5546, 47.5991

Rectangle

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



31.1199, 26.5546, 91.4810



42.5217, 26.5546, 45.4096



20.1506, 26.5546, 4.3520



13.4181, 26.5546, 16.9917

Sweetspot

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



31.1210, 26.5554, 91.4817



70.6805, 72.3250, 104.8426



51.9658, 74.6906, 78.5591



14.5883, 14.8610, 22.3495



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.



31.1210, 26.5554, 91.4817



27.6027, 21.2114, 97.2471



34.2115, 23.3495, 90.7000



15.8379, 16.4401, 20.8811



9.4989, 4.7916, 46.9622



0.9027, 0.5568, 4.1501

Inverse Universe

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



47.7465, 31.7774, 25.8079



47.3101, 28.4676, 19.1601



60.9578, 80.4996, 25.9629



16.6288, 16.5344, 17.7916



20.5991, 10.5831, 2.5974



1.8447, 0.9438, 0.4086

Previews

White Background



This preview shows how the XYZ color 31.1199, 26.5546, 91.4810 looks on a white background.

Color Contrast Check

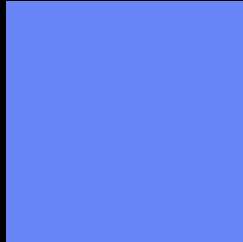
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1199, 26.5546, 91.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

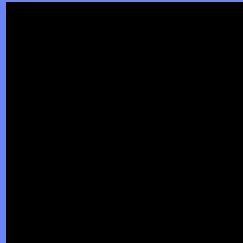
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.1199, 26.5546, 91.4810

Background



This preview shows how black text looks on a background with the XYZ color 31.1199, 26.5546, 91.4810.



This preview shows how white text looks on a background with the XYZ color 31.1199, 26.5546,

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

31.1199, 26.5546, 91.4810

Protanopia

29.8972, 26.4889, 93.9796

Deuteranopia

27.6758, 26.7228, 90.0856



Tritanopia

20.6767, 26.5533, 39.1575

Trichromacy



Original Color

31.1199, 26.5546, 91.4810

Protanomaly

30.2771, 26.4947, 93.1407

Deuteranomaly

28.6148, 26.5355, 90.8025

Tritanomaly

23.6093, 26.0771, 54.8280

Monochromacy



Original Color

31.1199, 26.5546, 91.4810

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4442, 25.2583, 45.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1199, 26.5546, 91.4810 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(106, 133, 247)` looks like.

```
.text, #text, p{  
    color:rgb(106, 133, 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(106, 133, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 133, 247) }
```

Border

The CSS property to change the border of an element to XYZ 31.1199, 26.5546, 91.4810 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(106, 133, 247) }
```


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

```
.border{ border-color:rgb(106, 133, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 133, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 133, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 133, 247);  
box-shadow:4px 4px 4px 4px rgb(106, 133,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1199, 26.5546, 91.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 133, 247) }
```

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

```
.background{ background-color: rgb(106,  
133, 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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