

Converting Colors

XYZ(31.1628, 26.4572, 95.0366)

Have a look what the booklet for
XYZ(31.1628, 26.4572, 95.0366)
contains.

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Color

**XYZ(31.1669, 26.5068,
94.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	6585FB
RGB	101, 133, 251
RGB Percent	40%, 52%, 98%
CMY	0.6039, 0.4784, 0.0157
CMYK	0.60, 0.47, 0.00, 0.02
HSL	227°, 95%, 69%
HSV	227°, 60%, 98%
XYZ	31.1669, 26.5068, 94.7404
YIQ	136.8840, -56.9500, 29.9140

Conversions

Conversions Part 2

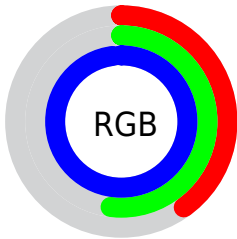
Format	Color
RYB	101, 127, 251
Decimal	6653435
CIELab	58.52, 23.60, -62.46
CIElCh	59, 66.774, 290.702
Yxy	26.5068, 0.2045, 0.1739
Android (android.graphics.Color)	4284843515 (0xFF6585FB)
YUV	136.8840, 56.2592, -31.4703
Hunter-Lab	51.4848, 17.9587, -73.0640

Details

The XYZ color **31.1669, 26.5068, 94.7404** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.4665, 72.1156, 22.6776**, and the grayscale version is **23.5451, 24.7713, 26.9759**.

A 20% lighter version of the original color is **50.7132, 50.1243, 101.6098**, and **13.1765, 10.3741, 52.3469** is the 20% darker color. If you saturate the color by 10%, you get **26.3195, 20.3651, 93.8110**, and if you desaturate by 10%, it is **37.3827, 34.1088, 95.8807**.

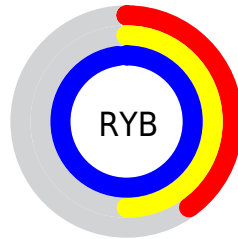
Distribution



Red (40%)

Green (52%)

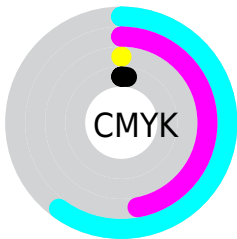
Blue (98%)



Red (40%)

Yellow (50%)

Blue (98%)

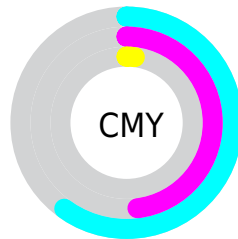


Cyan (60%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (48%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1669, 26.5068, 94.7404 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 31.1669, 26.5068, 94.7404 by changing the saturation by 10% instead.

■ 31.1669, 26.5068,
94.7404

■ 31.1669, 26.5068,
94.7404

299.1197,
285.2611, 564.2967

■ 20.8784, 17.2032,
71.3232

■ 60.8768, 54.0914,
155.8984

■ 13.1471, 10.3794,
52.1226

■ 81.0289, 73.1412,
194.4763

■ 7.6076, 5.6513,
36.7199

■ 105.1997, 96.2085,
238.9449

■ 3.8946, 2.6342,
24.6966

133.7543,
123.6776, 289.7227

■ 1.6427, 0.9439,
15.6342

167.0583,
155.9331, 347.2282

■ 0.4200, 0.0000,
9.1141

205.4770,

■ 0.0000, 0.0000,

193.3592, 411.8800

4.7179

249.3756,
236.3404, 484.0967

■ 0.0000, 0.0000,
2.0269

■ 0.0000, 0.0000,
0.5717

■ 31.1669, 26.5068,
94.7404

■ 31.1669, 26.5068,
94.7404

■ 26.3195, 20.3651,
93.8110

■ 37.3827, 34.1088,
95.8807

■ 22.7274, 15.5823,
93.0772

■ 45.0604, 43.2576,
97.2419

■ 20.2642, 12.0468,
92.5246

■ 54.2891, 54.0357,
98.8359

■ 18.7402, 9.6089,
92.1343

■ 65.1498, 66.5191,
100.6730

■ 18.7105, 9.5607,
92.1266

■ 77.7174, 80.7785,
102.7630

■ 92.0624, 96.8809,
105.1150

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



22.7395, 26.5068, 99.9448



31.1669, 26.5068, 94.7404



39.4150, 26.5068, 67.7751

Triad

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



31.1669, 26.5068, 94.7404



36.5139, 26.5068, 6.1654



12.6510, 26.5068, 22.1840

Complementary

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



31.1669, 26.5068, 94.7404



67.4665, 72.1156, 22.6776

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.



14.8855, 26.5068, 8.7123



31.1669, 26.5068, 94.7404



27.8189, 26.5068, 3.3353

Square

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



31.1669, 26.5068, 94.7404



42.9364, 26.5068, 15.6969



20.0374, 26.5068, 3.9151



13.1685, 26.5068, 47.8717

Rectangle

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



31.1669, 26.5068, 94.7404



43.1245, 26.5068, 46.4344



20.0374, 26.5068, 3.9151



13.0832, 26.5068, 16.3975

Sweetspot

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



31.1681, 26.5076, 94.7411



69.6758, 71.3959, 104.7162



52.5858, 76.8502, 78.7367



14.1541, 14.4151, 22.2863



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.



31.1681, 26.5076, 94.7411



26.3148, 19.8484, 97.0519



33.4825, 22.1587, 93.7797



16.5831, 17.2430, 21.8395



9.9200, 5.1956, 48.4536



0.9923, 0.6283, 4.5122

Inverse Universe

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



48.6720, 31.5116, 25.7078



46.3640, 26.9556, 17.6722



63.0007, 83.4174, 25.0945



17.3961, 17.2858, 18.6756



21.2992, 10.9354, 3.0180



2.0098, 1.0277, 0.4750

Previews

White Background



This preview shows how the XYZ color 31.1669, 26.5068, 94.7404 looks on a white background.

Color Contrast Check

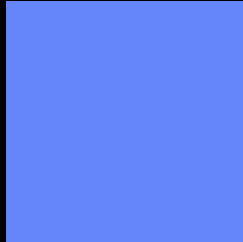
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1669, 26.5068, 94.7404 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 31.1669, 26.5068, 94.7404

Background



This preview shows how black text looks on a background with the XYZ color 31.1669, 26.5068, 94.7404.



This preview shows how white text looks on a background with the XYZ color 31.1669, 26.5068,

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

31.1669, 26.5068, 94.7404

Protanopia

30.1732, 26.5579, 97.3018

Deuteranopia

27.6086, 26.6169, 93.3050



Tritanopia

20.1694, 26.5232, 39.6538

Trichromacy



Original Color

31.1669, 26.5068, 94.7404

Protanomaly

30.5134, 26.5436, 96.4437

Deuteranomaly

28.4745, 26.3915, 94.0358

Tritanomaly

23.2232, 26.0798, 56.0345

Monochromacy



Original Color

31.1669, 26.5068, 94.7404

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1522, 25.1078, 45.6401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1669, 26.5068, 94.7404 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(101, 133, 251)` looks like.

```
.text, #text, p{  
    color:rgb(101, 133, 251)  
}
```

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(101, 133, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 133, 251) }
```

Border

The CSS property to change the border of an element to XYZ 31.1669, 26.5068, 94.7404 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(101, 133, 251) }
```


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

```
.border{ border-color:rgb(101, 133, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 133, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 133, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 133, 251);  
box-shadow:4px 4px 4px 4px rgb(101, 133,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1669, 26.5068, 94.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 133, 251) }
```

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

```
.background{ background-color: rgb(101,  
133, 251) }
```

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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