

Converting Colors

XYZ(31.6367, 26.4482, 99.4005)

Have a look what the booklet for
XYZ(31.6367, 26.4482, 99.4005)
contains.

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Color

**XYZ(31.3383, 26.3192,
98.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	6284FF
RGB	98, 132, 255
RGB Percent	38%, 52%, 100%
CMY	0.6157, 0.4823, 0.0000
CMYK	0.62, 0.48, 0.00, 0.00
HSL	227°, 100%, 69%
HSV	227°, 62%, 100%
XYZ	31.3383, 26.3192, 98.0361
YIQ	135.8560, -59.7470, 31.0450

Conversions

Conversions Part 2

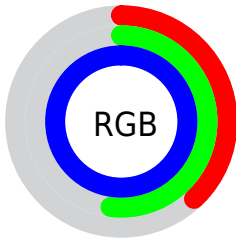
Format	Color
R _Y B	98, 126, 255
Decimal	6456575
CIE Lab	58.34, 25.00, -64.95
CIE LCh	58, 69.598, 291.047
Yxy	26.3192, 0.2013, 0.1690
Android (android.graphics.Color)	4284646655 (0xFF6284FF)
YUV	135.8560, 58.7380, -33.1997
Hunter-Lab	51.3022, 19.2589, -77.3888

Details

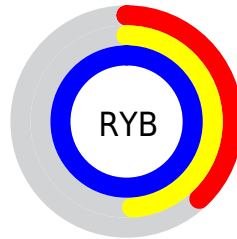
The XYZ color **31.3383, 26.3192, 98.0361** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.3036, 73.8591, 22.1610**, and the grayscale version is **23.1526, 24.3584, 26.5262**.

A 20% lighter version of the original color is **50.0969, 49.4950, 101.5208**, and **13.1838, 10.2242, 54.1019** is the 20% darker color. If you saturate the color by 10%, you get **26.5572, 20.2106, 97.1091**, and if you desaturate by 10%, it is **37.5163, 33.9185, 99.1773**.

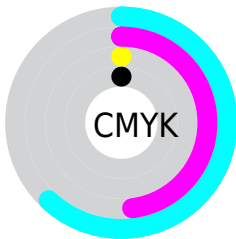
Distribution



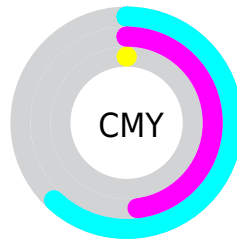
- Red (38%)
- Green (52%)
- Blue (100%)



- Red (38%)
- Yellow (49%)
- Blue (100%)



- Cyan (62%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3383, 26.3192, 98.0361 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 31.3383, 26.3192, 98.0361 by changing the saturation by 10% instead.

■ 31.3383, 26.3192,
98.0361

■ 31.3383, 26.3192,
98.0361

299.8930,
284.3455, 575.0705

■ 21.0097, 17.0626,
74.0537

■ 61.1445, 53.7894,
160.4840

■ 13.2436, 10.2791,
54.3409

■ 81.3528, 72.7719,
199.7865

■ 7.6746, 5.5844,
38.4793

■ 105.5851, 95.7650,
245.0329

■ 3.9375, 2.5941,
26.0502

134.2067,
123.1533, 296.6416

■ 1.6668, 0.9237,
16.6351

167.5829,
155.3211, 355.0311

■ 0.4354, 0.0000,
9.8155

206.0791,

■ 0.0000, 0.0000,

192.6528, 420.6201

5.1728

250.0607,
235.5328, 493.8271

■ 0.0000, 0.0000,
2.2885

■ 0.0000, 0.0000,
0.7248

■ 31.3383, 26.3192,
98.0361

■ 31.3383, 26.3192,
98.0361

■ 26.5572, 20.2106,
97.1091

■ 37.5163, 33.9185,
99.1773

■ 23.0536, 15.4864,
96.3819

■ 45.1907, 43.0996,
100.5450

■ 20.6917, 12.0282,
95.8388

■ 54.4550, 53.9489,
102.1508

■ 19.4263, 9.9727,
95.5088

■ 65.3942, 66.5454,
104.0056

■ 78.0872, 80.9633,
106.1196

■ 92.6075, 97.2720,
108.5022

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



22.5637, 26.3192, 103.9304



31.3383, 26.3192, 98.0361



39.9537, 26.3192, 69.1653

Triad

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



31.3383, 26.3192, 98.0361



36.7264, 26.3192, 5.5256



12.1214, 26.3192, 21.9889

Complementary

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



31.3383, 26.3192, 98.0361



69.3036, 73.8591, 22.1610

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.



14.3599, 26.3192, 8.1872



31.3383, 26.3192, 98.0361



27.6390, 26.3192, 2.8554

Square

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



31.3383, 26.3192, 98.0361



43.5209, 26.3192, 14.9484



19.6062, 26.3192, 3.4383



12.6781, 26.3192, 48.9052

Rectangle

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



31.3383, 26.3192, 98.0361



43.8164, 26.3192, 46.6506



19.6062, 26.3192, 3.4383



12.5490, 26.3192, 16.0118

Sweetspot

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



31.3394, 26.3200, 98.0362



69.7143, 71.4730, 104.7291



53.8472, 79.3368, 80.8718



14.1634, 14.4336, 22.2894



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.



31.3394, 26.3200, 98.0362



25.5912, 18.9370, 96.9141



33.6581, 21.7512, 97.0322



17.3218, 18.0152, 22.8143



10.2387, 5.3870, 49.9347



1.0727, 0.6761, 4.8872

Inverse Universe

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



49.7734, 31.6630, 25.3184



45.8679, 26.2564, 16.6039



64.6914, 86.1800, 24.7823



18.1703, 18.0514, 19.5141



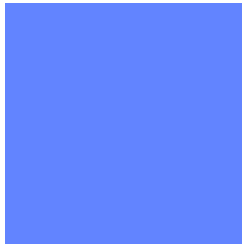
21.9562, 11.2718, 3.1540



2.1761, 1.1128, 0.5086

Previews

White Background



This preview shows how the XYZ color 31.3383, 26.3192, 98.0361 looks on a white background.

Color Contrast Check

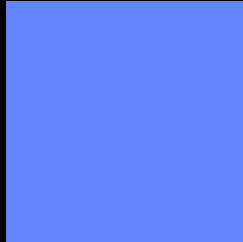
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3383, 26.3192, 98.0361 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 31.3383, 26.3192, 98.0361

Background



This preview shows how black text looks on a background with the XYZ color 31.3383, 26.3192, 98.0361.



This preview shows how white text looks on a background with the XYZ color 31.3383, 26.3192,

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

31.3383, 26.3192, 98.0361

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

27.2437, 26.3743, 95.7503



Tritanopia

19.7041, 26.2833, 39.6320

Trichromacy



Original Color

31.3383, 26.3192, 98.0361

Protanomaly

30.5517, 26.5264, 98.1176

Deuteranomaly

27.5457, 25.6439, 96.4265

Tritanomaly

22.8442, 25.6301, 57.1692

Monochromacy



Original Color

31.3383, 26.3192, 98.0361

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.8267, 24.7202, 46.1108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3383, 26.3192, 98.0361 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(98, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(98, 132, 255)  
}
```

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(98, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 132, 255) }
```

Border

The CSS property to change the border of an element to XYZ 31.3383, 26.3192, 98.0361 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(98, 132, 255) }
```


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

```
.border{ border-color:rgb(98, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 132,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3383, 26.3192, 98.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 132, 255) }
```

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

```
.background{ background-color: rgb(98, 132,  
255) }
```

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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