

Converting Colors

XYZ(26.4437, 25.4302, 65.8211)

Have a look what the booklet for
XYZ(26.4437, 25.4302, 65.8211)
contains.

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Color

**XYZ(26.3967, 25.3048,
65.7804)**

Conversions

Conversions Part 1

Format	Color
Hex	6888D4
RGB	104, 136, 212
RGB Percent	41%, 53%, 83%
CMY	0.5921, 0.4667, 0.1686
CMYK	0.51, 0.36, 0.00, 0.17
HSL	222°, 56%, 62%
HSV	222°, 51%, 83%
XYZ	26.3967, 25.3048, 65.7804
YIQ	135.0960, -43.4680, 16.8520

Conversions

Conversions Part 2

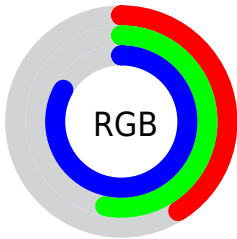
Format	Color
RYB	104, 129, 212
Decimal	6850772
CIELab	57.37, 9.96, -42.57
CIElCh	57, 43.722, 283.171
Yxy	25.3048, 0.2247, 0.2154
Android (android.graphics.Color)	4285040852 (0xFF6888D4)
YUV	135.0960, 37.9137, -27.2712
Hunter-Lab	50.3039, 5.6352, -42.3185

Details

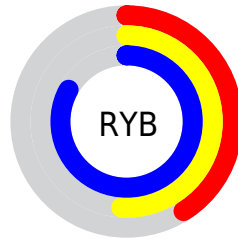
The XYZ color **26.3967, 25.3048, 65.7804** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **45.9725, 47.6407, 19.8705**, and the grayscale version is **22.9409, 24.1356, 26.2837**.

A 20% lighter version of the original color is **50.9455, 51.1923, 101.8037**, and **10.5327, 9.7862, 33.2321** is the 20% darker color. If you saturate the color by 10%, you get **22.2813, 20.2785, 65.0276**, and if you desaturate by 10%, it is **31.4250, 31.2366, 66.6608**.

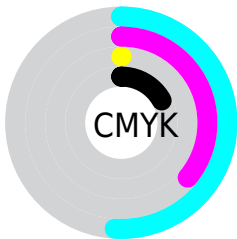
Distribution



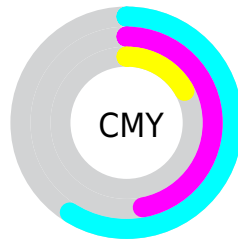
- Red (41%)
- Green (53%)
- Blue (83%)



- Red (41%)
- Yellow (51%)
- Blue (83%)



- Cyan (51%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (59%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3967, 25.3048, 65.7804 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 26.3967, 25.3048, 65.7804 by changing the saturation by 10% instead.

■ 26.3967, 25.3048,
65.7804

■ 26.3967, 25.3048,
65.7804

276.9452,
279.3525, 463.9739

■ 17.2549, 16.3043,
47.6388

■ 53.3410, 52.1513,
114.7951

■ 10.5128, 9.7397,
33.1830

■ 71.8742, 70.7660,
146.5053

■ 5.8051, 5.2267,
21.9944

■ 94.2685, 93.3543,
183.5754

■ 2.7665, 2.3809,
13.6545

■ 120.8894,
120.3005, 226.4239

■ 1.0315, 0.8160,
7.7448

152.1021,
151.9890, 275.4695

■ 0.0000, 0.0000,
3.8466

188.2721,

■ 0.0000, 0.0000,

188.8043, 331.1307

1.5416

229.7647,
231.1306, 393.8260

■ 0.0000, 0.0000,
0.2486

■ 0.0000, 0.0000,
0.0000

■ 26.3967, 25.3048,
65.7804

■ 26.3967, 25.3048,
65.7804

■ 22.2813, 20.2785,
65.0276

■ 31.4250, 31.2366,
66.6608

■ 19.0166, 16.1068,
64.3945

■ 37.4170, 38.1159,
67.6729

■ 16.5367, 12.7369,
63.8747

■ 44.4231, 45.9847,
68.8224

■ 14.7633, 10.1080,
63.4608

■ 52.4889, 54.8819,
70.1146

■ 13.6509, 8.2877,
63.1681

■ 61.6577, 64.8441,
71.5543

■ 71.9698, 75.9061,
73.1460

■ 83.4636, 88.1008,
74.8940

■ 88.8838, 97.5335,
76.4290

Harmonies

Analogous

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



21.2775, 25.3048, 64.9408



26.3967, 25.3048, 65.7804



31.5421, 25.3048, 54.0809

Triad

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



26.3967, 25.3048, 65.7804



32.0847, 25.3048, 12.2645



15.7112, 25.3048, 20.0816

Complementary

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



26.3967, 25.3048, 65.7804



45.9725, 47.6407, 19.8705

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.



17.8519, 25.3048, 11.5280



26.3967, 25.3048, 65.7804



27.0566, 25.3048, 8.2565

Square

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



26.3967, 25.3048, 65.7804



35.1303, 25.3048, 21.5424



21.8494, 25.3048, 8.0470



15.5875, 25.3048, 34.5881

Rectangle

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



26.3967, 25.3048, 65.7804



34.0961, 25.3048, 42.5622



21.8494, 25.3048, 8.0470



16.2030, 25.3048, 16.5656

Sweetspot

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



26.3977, 25.3057, 65.7810



74.3572, 77.4658, 105.6411



37.4509, 53.3098, 51.2837



15.3591, 15.9668, 22.5223



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.



26.3977, 25.3057, 65.7810



33.4525, 30.3132, 98.6956



25.3804, 19.0607, 64.6292



12.0395, 12.6024, 15.7355



8.5037, 5.2691, 39.0220



0.5844, 0.4609, 2.3775

Inverse Universe

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



36.5465, 25.6764, 26.3231



50.8969, 32.3301, 30.5632



47.3782, 59.0858, 22.0056



12.5731, 12.4808, 13.6924



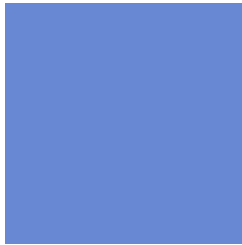
17.3511, 8.8768, 3.8870



1.0826, 0.5498, 0.4246

Previews

White Background



This preview shows how the XYZ color 26.3967, 25.3048, 65.7804 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 26.3967, 25.3048, 65.7804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

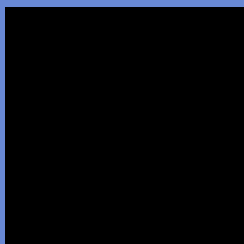
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3967, 25.3048, 65.7804

Background



This preview shows how black text looks on a background with the XYZ color 26.3967, 25.3048, 65.7804.

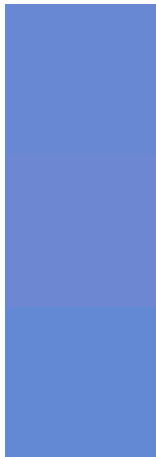


This preview shows how white text looks on a background with the XYZ color 26.3967, 25.3048,

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

26.3967, 25.3048, 65.7804

Protanopia

26.8523, 25.3461, 65.1050

Deuteranopia

26.0849, 25.3541, 65.8064



Tritanopia

20.6222, 25.3969, 36.6161

Trichromacy



Original Color

26.3967, 25.3048, 65.7804

Protanomaly

26.6062, 25.2192, 65.0935

Deuteranomaly

26.1962, 25.4115, 65.8116

Tritanomaly

22.3725, 25.1864, 45.8018

Monochromacy



Original Color

26.3967, 25.3048, 65.7804

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5870, 24.2574, 38.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3967, 25.3048, 65.7804 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(104, 136, 212)` looks like.

```
.text, #text, p{  
    color:rgb(104, 136, 212)  
}
```

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(104, 136, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 136, 212) }
```

Border

The CSS property to change the border of an element to XYZ 26.3967, 25.3048, 65.7804 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(104, 136, 212) }
```


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

```
.border{ border-color:rgb(104, 136, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 136, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 136, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 136, 212);  
box-shadow:4px 4px 4px 4px rgb(104, 136,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3967, 25.3048, 65.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 136, 212) }
```

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

```
.background{ background-color: rgb(104,  
136, 212) }
```

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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