

Converting Colors

XYZ(26.7304, 28.1976, 57.2226)

Have a look what the booklet for
XYZ(26.7304, 28.1976, 57.2226)
contains.

XYZ(26.6902, 28.0705, 57.4375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6902, 28.0705,
57.4375)**

Conversions

Conversions Part 1

Format	Color
Hex	6B93C6
RGB	107, 147, 198
RGB Percent	42%, 58%, 78%
CMY	0.5804, 0.4235, 0.2235
CMYK	0.46, 0.26, 0.00, 0.22
HSL	214°, 44%, 60%
HSV	214°, 46%, 78%
XYZ	26.6902, 28.0705, 57.4375
YIQ	140.8540, -40.2110, 7.3810

Conversions

Conversions Part 2

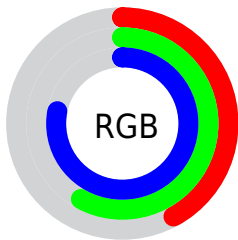
Format	Color
RYB	107, 135, 198
Decimal	7050182
CIELab	59.95, 0.04, -30.65
CIELCh	60, 30.648, 270.077
Yxy	28.0705, 0.2379, 0.2502
Android (android.graphics.Color)	4285240262 (0xFF6B93C6)
YUV	140.8540, 28.1730, -29.6900
Hunter-Lab	52.9816, -2.7960, -27.1893

Details

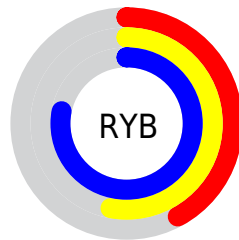
The XYZ color **26.6902, 28.0705, 57.4375** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.1703, 37.5221, 19.1418**, and the grayscale version is **25.1656, 26.4762, 28.8326**.

A 20% lighter version of the original color is **53.8369, 56.6747, 102.7095**, and **10.7249, 11.2931, 28.0001** is the 20% darker color. If you saturate the color by 10%, you get **22.9336, 23.6951, 56.7915**, and if you desaturate by 10%, it is **31.1602, 33.0619, 58.1659**.

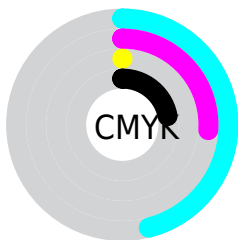
Distribution



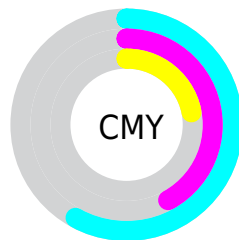
- Red (42%)
- Green (58%)
- Blue (78%)



- Red (42%)
- Yellow (53%)
- Blue (78%)



- Cyan (46%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6902, 28.0705, 57.4375 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 26.6902, 28.0705, 57.4375 by changing the saturation by 10% instead.

■ 26.6902, 28.0705,
57.4375

■ 26.6902, 28.0705,
57.4375

278.3490,
292.8036, 432.6262

■ 17.4761, 18.3788,
40.9449

■ 53.8097, 56.5970,
102.6099

■ 10.6719, 11.2223,
27.9567

■ 72.4459, 76.2006,
132.1269

■ 5.9123, 6.2166,
18.0542

■ 94.9534, 99.8769,
166.8223

■ 2.8320, 2.9772,
10.8191

■ 121.6976,
128.0104, 207.1148

■ 1.0655, 1.1198,
5.8327

153.0439,
160.9854, 253.4229

■ 0.0000, 0.0000,
2.6765

189.3577,

■ 0.0000, 0.0000,

199.1863, 306.1652

0.9315

231.0042,
242.9976, 365.7601

■ 0.0000, 0.0000,
0.0000

■ 26.6902, 28.0705,
57.4375

■ 26.6902, 28.0705,
57.4375

■ 22.9336, 23.6951,
56.7915

■ 31.1602, 33.0619,
58.1659

■ 19.8451, 19.9038,
56.2225

■ 36.3794, 38.6928,
58.9776

■ 17.3784, 16.6658,
55.7275

■ 42.3844, 44.9889,
59.8764

■ 15.4788, 13.9455,
55.3025

■ 49.2085, 51.9738,
60.8650

■ 14.0789, 11.7000,
54.9429

■ 56.8829, 59.6695,
61.9459

■ 13.6040, 10.8990,
54.8133

■ 65.4372, 68.0969,
63.1217

■ 74.8995, 77.2763,
64.3948

■ 81.3644, 85.1998,
65.5834

■ 84.6553, 91.7816,
66.6804

Harmonies

Analogous

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



23.1142, 28.0705, 53.1904



26.6902, 28.0705, 57.4375



30.6143, 28.0705, 53.1488

Triad

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



26.6902, 28.0705, 57.4375



33.7037, 28.0705, 21.0215



20.6987, 28.0705, 21.0603

Complementary

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



26.6902, 28.0705, 57.4375



38.1703, 37.5221, 19.1418

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.



23.0984, 28.0705, 15.5010



26.6902, 28.0705, 57.4375



30.5953, 28.0705, 15.4827

Square

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



26.6902, 28.0705, 57.4375



34.8965, 28.0705, 30.5353



26.6701, 28.0705, 13.7351



19.8667, 28.0705, 30.5927

Rectangle

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



26.6902, 28.0705, 57.4375



32.8490, 28.0705, 46.5079



26.6701, 28.0705, 13.7351



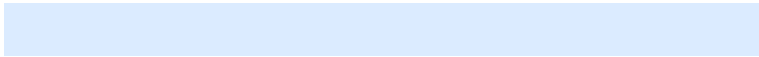
21.3364, 28.0705, 18.7571

Sweetspot

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



26.6912, 28.0715, 57.4382



77.0599, 81.7389, 106.3234



32.3485, 45.9507, 39.0862



15.9575, 16.9408, 22.6788



0.0000, 0.0000, 0.0000



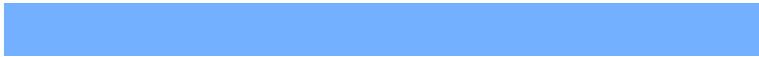
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.6912, 28.0715, 57.4382



40.6909, 42.0549, 100.5805



22.0768, 18.0091, 55.7391



10.4339, 11.0418, 13.4989



8.9291, 7.2522, 35.6736



0.4946, 0.4871, 1.7131

Inverse Universe

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



33.8137, 24.6288, 30.5765



55.2182, 36.6149, 45.4381



44.9558, 52.8470, 21.7421



10.8243, 10.7131, 12.0580



16.3063, 8.2721, 6.8230



0.8084, 0.4062, 0.5140

Previews

White Background



This preview shows how the XYZ color 26.6902, 28.0705, 57.4375 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 26.6902, 28.0705, 57.4375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

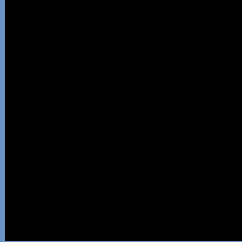
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6902, 28.0705, 57.4375

Background



This preview shows how black text looks on a background with the XYZ color 26.6902, 28.0705, 57.4375.

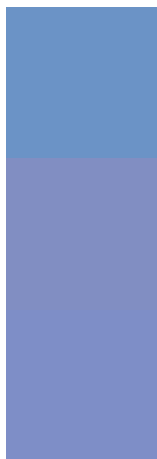


This preview shows how white text looks on a background with the XYZ color 26.6902, 28.0705,

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

26.6902, 28.0705, 57.4375

Protanopia

28.4639, 27.9082, 54.9255

Deuteranopia

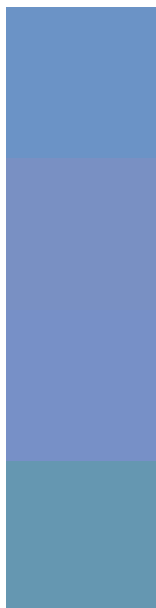
28.5860, 27.9051, 57.9124



Tritanopia

23.1125, 28.0405, 39.7915

Trichromacy



Original Color

26.6902, 28.0705, 57.4375

Protanomaly

27.7087, 27.9516, 55.5645

Deuteranomaly

27.8898, 27.9920, 57.9659

Tritanomaly

24.3692, 28.0742, 45.7294

Monochromacy



Original Color

26.6902, 28.0705, 57.4375

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3973, 26.9207, 38.0400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6902, 28.0705, 57.4375 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(107, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(107, 147, 198)  
}
```

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(107, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 147, 198) }
```

Border

The CSS property to change the border of an element to XYZ 26.6902, 28.0705, 57.4375 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(107, 147, 198) }
```


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

```
.border{ border-color:rgb(107, 147, 198) }
```

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

Here you see how a box with a 4 pixel rgb(107, 147, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 147, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 147, 198);  
box-shadow:4px 4px 4px 4px rgb(107, 147,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6902, 28.0705, 57.4375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 147, 198) }
```

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

```
.background{ background-color: rgb(107,  
147, 198) }
```

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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