

Converting Colors

XYZ(25.4268, 26.0700, 57.1180)

Have a look what the booklet for
XYZ(25.4268, 26.0700, 57.1180)
contains.

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Color

**XYZ(25.4268, 26.0700,
57.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	688DC6
RGB	104, 141, 198
RGB Percent	41%, 55%, 78%
CMY	0.5921, 0.4471, 0.2235
CMYK	0.47, 0.29, 0.00, 0.22
HSL	216°, 45%, 59%
HSV	216°, 47%, 78%
XYZ	25.4268, 26.0700, 57.1180
YIQ	136.4350, -40.3490, 9.8830

Conversions

Conversions Part 2

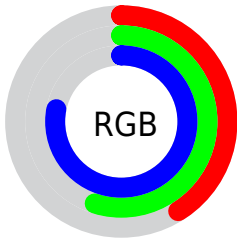
Format	Color
RYB	104, 131, 198
Decimal	6852038
CIELab	58.10, 2.76, -33.54
CIELCh	58, 33.649, 274.706
Yxy	26.0700, 0.2341, 0.2400
Android (android.graphics.Color)	4285042118 (0xFF688DC6)
YUV	136.4350, 30.3515, -28.4455
Hunter-Lab	51.0588, -0.4616, -30.5849

Details

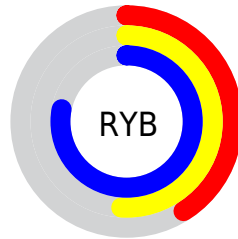
The XYZ color **25.4268, 26.0700, 57.1180** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.5331, 38.4961, 18.4973**, and the grayscale version is **23.4661, 24.6882, 26.8854**.

A 20% lighter version of the original color is **51.6399, 53.1745, 102.1497**, and **9.9941, 10.1242, 27.8130** is the 20% darker color. If you saturate the color by 10%, you get **21.7173, 21.6709, 56.4649**, and if you desaturate by 10%, it is **29.8697, 31.1331, 57.8616**.

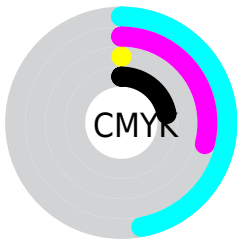
Distribution



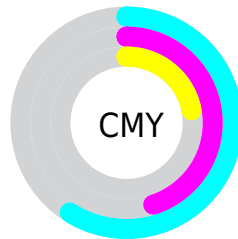
- Red (41%)
- Green (55%)
- Blue (78%)



- Red (41%)
- Yellow (51%)
- Blue (78%)



- Cyan (47%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (59%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4268, 26.0700, 57.1180 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 25.4268, 26.0700, 57.1180 by changing the saturation by 10% instead.

■ 25.4268, 26.0700,
57.1180

■ 25.4268, 26.0700,
57.1180

272.2654,
283.1255, 431.3974

■ 16.5257, 16.8760,
40.6900

■ 51.7867, 53.3879,
102.1394

■ 9.9901, 10.1461,
27.7591

■ 69.9762, 72.2805,
131.5699

■ 5.4546, 5.4960,
17.9067

■ 91.9927, 95.1748,
166.1715

■ 2.5539, 2.5411,
10.7142

■ 118.2013,
122.4553, 206.3630

■ 0.9225, 0.8971,
5.7633

148.9676,
154.5061, 252.5628

■ 0.0000, 0.0000,
2.6352

184.6568,

■ 0.0000, 0.0000,

191.7119, 305.1894

0.9106

225.6343,
234.4569, 364.6615

■ 0.0000, 0.0000,
0.0000

■ 25.4268, 26.0700,
57.1180

■ 25.4268, 26.0700,
57.1180

■ 21.7173, 21.6709,
56.4649

■ 29.8697, 31.1331,
57.8616

■ 18.6939, 17.9009,
55.8966

■ 35.0836, 36.8867,
58.6974

■ 16.3078, 14.7258,
55.4095

■ 41.1067, 43.3594,
59.6293

■ 14.5015, 12.1059,
54.9990

■ 47.9739, 50.5770,
60.6605

■ 13.1959, 9.9899,
54.6594

■ 55.7177, 58.5639,
61.7940

■ 12.9130, 9.5169,
54.5830

■ 64.3690, 67.3435,
63.0326

■ 73.9571, 76.9380,
64.3792

■ 81.7331, 85.9372,
65.7064

■ 85.3277, 93.1264,
66.9046

Harmonies

Analogous

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



21.5812, 26.0700, 53.8748



25.4268, 26.0700, 57.1180



29.5103, 26.0700, 51.1031

Triad

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



25.4268, 26.0700, 57.1180



31.7902, 26.0700, 17.4354



18.3514, 26.0700, 19.8411

Complementary

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



25.4268, 26.0700, 57.1180



38.5331, 38.4961, 18.4973

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.



20.5821, 26.0700, 13.6522



25.4268, 26.0700, 57.1180



28.2775, 26.0700, 12.5536

Square

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



25.4268, 26.0700, 57.1180



33.4315, 26.0700, 26.5853



24.1418, 26.0700, 11.3874



17.7648, 26.0700, 30.2659

Rectangle

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



25.4268, 26.0700, 57.1180



31.7358, 26.0700, 43.4156



24.1418, 26.0700, 11.3874



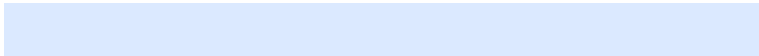
18.9209, 26.0700, 17.2995

Sweetspot

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



25.4277, 26.0710, 57.1186



76.5924, 80.8039, 106.1676



32.2841, 45.8840, 40.5974



15.8441, 16.7141, 22.6410



0.0000, 0.0000, 0.0000



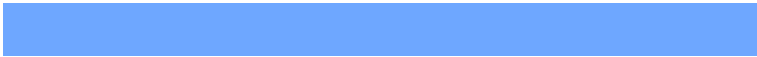
20.3446, 21.4041, 23.3091

Same Dimension

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



25.4277, 26.0710, 57.1186



38.2303, 38.0993, 99.9467



22.0059, 17.5162, 55.6477



10.3934, 10.9609, 13.4854



8.4756, 6.3452, 35.5224



0.4716, 0.4410, 1.7054

Inverse Universe

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



33.0475, 23.8304, 28.0581



53.7405, 35.1214, 40.4388



43.5806, 52.1560, 20.8679



10.8039, 10.7049, 11.9504



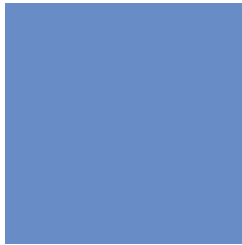
16.0774, 8.1805, 5.6176



0.7967, 0.4015, 0.4528

Previews

White Background



This preview shows how the XYZ color 25.4268, 26.0700, 57.1180 looks on a white background.

Color Contrast Check

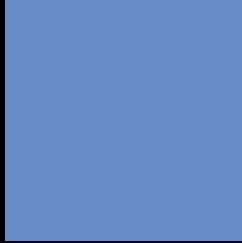
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4268, 26.0700, 57.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

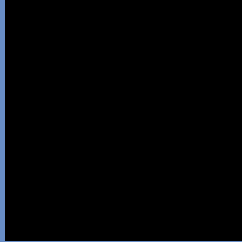
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4268, 26.0700, 57.1180

Background



This preview shows how black text looks on a background with the XYZ color 25.4268, 26.0700, 57.1180.

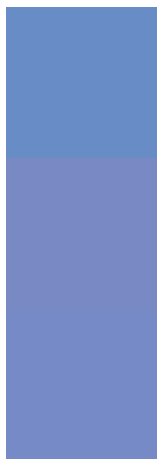


This preview shows how white text looks on a background with the XYZ color 25.4268, 26.0700,

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

25.4268, 26.0700, 57.1180

Protanopia

26.6811, 25.8964, 55.2220

Deuteranopia

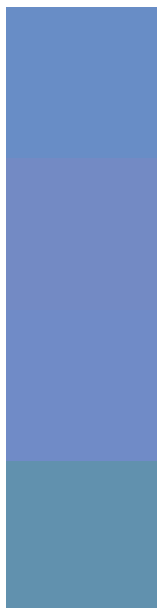
26.7334, 26.0824, 57.6582



Tritanopia

21.4493, 26.0450, 37.1544

Trichromacy



Original Color

25.4268, 26.0700, 57.1180

Protanomaly

26.1225, 25.8073, 55.8291

Deuteranomaly

26.2235, 26.0335, 57.6757

Tritanomaly

22.6951, 25.8482, 43.8374

Monochromacy



Original Color

25.4268, 26.0700, 57.1180

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6587, 24.9652, 36.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4268, 26.0700, 57.1180 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, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(104, 141, 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(104, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 141, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.4268, 26.0700, 57.1180 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, 141, 198) }
```


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

```
.border{ border-color:rgb(104, 141, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 141, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 141, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 141, 198);  
box-shadow:4px 4px 4px 4px rgb(104, 141,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4268, 26.0700, 57.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 141, 198) }
```

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

```
.background{ background-color: rgb(104,  
141, 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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