

Converting Colors

XYZ(25.8388, 26.0669, 51.1263)

Have a look what the booklet for
XYZ(25.8388, 26.0669, 51.1263)
contains.

XYZ(25.7809, 25.9476, 51.2265)	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(25.7809, 25.9476,
51.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	768BBC
RGB	118, 139, 188
RGB Percent	46%, 55%, 74%
CMY	0.5372, 0.4549, 0.2627
CMYK	0.37, 0.26, 0.00, 0.26
HSL	222°, 34%, 60%
HSV	222°, 37%, 74%
XYZ	25.7809, 25.9476, 51.2265
YIQ	138.3070, -28.2450, 10.7870

Conversions

Conversions Part 2

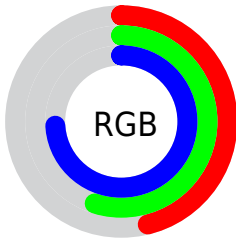
Format	Color
R_{YB}	118, 134, 188
Decimal	7769020
CIE _{Lab}	57.99, 4.75, -27.99
CIE _{LCh}	58, 28.388, 279.632
Yxy	25.9476, 0.2504, 0.2520
Android (android.graphics.Color)	4285959100 (0xFF768BBC)
YUV	138.3070, 24.4986, -17.8092
Hunter-Lab	50.9388, 1.1987, -23.9677

Details

The XYZ color **25.7809, 25.9476, 51.2265** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **37.8284, 39.6374, 22.7975**, and the grayscale version is **24.1924, 25.4523, 27.7176**.

A 20% lighter version of the original color is **52.1920, 53.0016, 93.0675**, and **10.1923, 10.0523, 24.3248** is the 20% darker color. If you saturate the color by 10%, you get **21.6857, 21.1764, 50.5219**, and if you desaturate by 10%, it is **30.6161, 31.4419, 52.0326**.

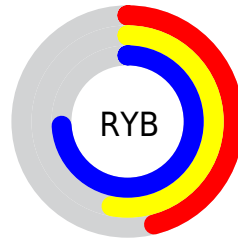
Distribution



Red (46%)

Green (55%)

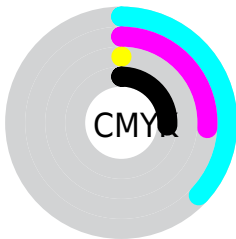
Blue (74%)



Red (46%)

Yellow (53%)

Blue (74%)

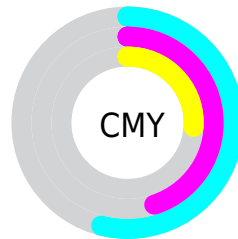


Cyan (37%)

Magenta (26%)

Yellow (0%)

Black (26%)



Cyan (54%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7809, 25.9476, 51.2265 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 25.7809, 25.9476, 51.2265 by changing the saturation by 10% instead.

■ 25.7809, 25.9476,
51.2265

■ 25.7809, 25.9476,
51.2265

273.9813,
282.5248, 408.3148

■ 16.7916, 16.7844,
36.0109

■ 52.3551, 53.1904,
93.4044

■ 10.1804, 10.0809,
24.1529

■ 70.6707, 72.0388,
121.2038

■ 5.5819, 5.4526,
15.2338

■ 92.8259, 94.8845,
154.0349

■ 2.6308, 2.5152,
8.8352

119.1858,
122.1117, 192.3163

■ 0.9617, 0.8842,
4.5385

150.1160,
154.1050, 236.4664

■ 0.0000, 0.0000,
1.9252

185.9817,

■ 0.0000, 0.0000,

191.2487, 286.9038

0.5087

227.1484,
233.9271, 344.0471

■ 0.0000, 0.0000,
0.0000

■ 25.7809, 25.9476,
51.2265

■ 25.7809, 25.9476,
51.2265

■ 21.6857, 21.1764,
50.5219

■ 30.6161, 31.4419,
52.0326

■ 18.2893, 17.0935,
49.9128

■ 36.2242, 37.6860,
52.9423

■ 15.5505, 13.6652,
49.3954

■ 42.6393, 44.7091,
53.9598

■ 13.4220, 10.8538,
48.9650

■ 49.8926, 52.5375,
55.0885

■ 11.8498, 8.6168,
48.6160

■ 58.0136, 61.1966,
56.3319

■ 10.7604, 6.9006,
48.3422

■ 67.0304, 70.7105,
57.6930

■ 10.5109, 6.4982,
48.2777

■ 76.9698, 81.1021,
59.1749

■ 82.7529, 89.7624,
60.5417

■ 86.0772, 96.4109,
61.6498

Harmonies

Analogous

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



22.4405, 25.9476, 49.8804



25.7809, 25.9476, 51.2265



29.1063, 25.9476, 45.4107

Triad

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



25.7809, 25.9476, 51.2265



30.0903, 25.9476, 17.8484



18.9891, 25.9476, 22.1832

Complementary

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



25.7809, 25.9476, 51.2265



37.8284, 39.6374, 22.7975

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.



20.6955, 25.9476, 16.0736



25.7809, 25.9476, 51.2265



27.0264, 25.9476, 14.0026

Square

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



25.7809, 25.9476, 51.2265



31.7420, 25.9476, 25.2126



23.5768, 25.9476, 13.4383



18.7225, 25.9476, 31.5275

Rectangle

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



25.7809, 25.9476, 51.2265



30.7923, 25.9476, 38.9010



23.5768, 25.9476, 13.4383



19.4053, 25.9476, 19.7496

Sweetspot

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



25.7818, 25.9486, 51.2271



72.5090, 75.8318, 97.0416



32.3228, 42.5656, 42.5094



15.2527, 15.9353, 20.8145



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.7818, 25.9486, 51.2271



40.3299, 39.5918, 91.7426



24.8906, 21.4006, 50.3962



9.2436, 9.6795, 12.0533



7.2140, 4.5397, 32.8889



0.3417, 0.2961, 1.3080

Inverse Universe

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



31.8784, 25.5132, 27.6714



53.2391, 39.4197, 41.6965



38.9705, 46.4082, 24.0442



9.6448, 9.5822, 10.5186



14.6420, 7.4880, 3.4087



0.6034, 0.3053, 0.2907

Previews

White Background



This preview shows how the XYZ color 25.7809, 25.9476, 51.2265 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 25.7809, 25.9476, 51.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

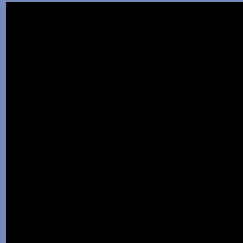
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

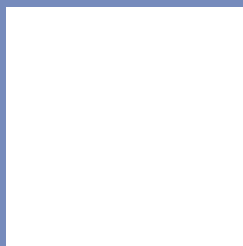
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7809, 25.9476, 51.2265

Background



This preview shows how black text looks on a background with the XYZ color 25.7809, 25.9476, 51.2265.

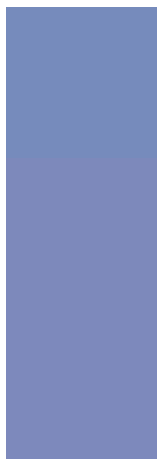


This preview shows how white text looks on a background with the XYZ color 25.7809, 25.9476,

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

25.7809, 25.9476, 51.2265

Protanopia

26.3727, 25.8392, 50.6112

Deuteranopia

26.4802, 25.8821, 51.1770



Tritanopia

22.5566, 25.9661, 35.2756

Trichromacy



Original Color

25.7809, 25.9476, 51.2265

Protanomaly

26.0842, 25.9024, 50.6386

Deuteranomaly

26.1916, 25.9454, 51.2045

Tritanomaly

23.7004, 25.9828, 40.8118

Monochromacy



Original Color

25.7809, 25.9476, 51.2265

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4493, 25.4026, 35.0671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7809, 25.9476, 51.2265 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(118, 139, 188)` looks like.

```
.text, #text, p{  
    color:rgb(118, 139, 188)  
}
```

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(118, 139, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 139, 188) }
```

Border

The CSS property to change the border of an element to XYZ 25.7809, 25.9476, 51.2265 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(118, 139, 188) }
```


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

```
.border{ border-color:rgb(118, 139, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 139, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 139, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 139, 188); box-shadow:4px 4px 4px 4px rgb(118, 139, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7809, 25.9476, 51.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 139, 188) }
```

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

```
.background{ background-color: rgb(118,  
139, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor