

Converting Colors

XYZ(25.2745, 28.9527, 38.5668)

Have a look what the booklet for
XYZ(25.2745, 28.9527, 38.5668)
contains.

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Color

**XYZ(25.2210, 28.9167,
38.4346)**

Conversions

Conversions Part 1

Format	Color
Hex	7698A2
RGB	118, 152, 162
RGB Percent	46%, 60%, 64%
CMY	0.5372, 0.4039, 0.3647
CMYK	0.27, 0.06, 0.00, 0.36
HSL	194°, 19%, 55%
HSV	194°, 27%, 64%
XYZ	25.2210, 28.9167, 38.4346
YIQ	142.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

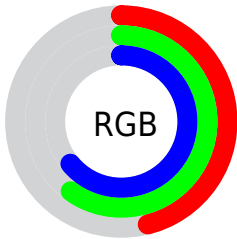
Format	Color
R_{YB}	118, 137, 162
Decimal	7772322
CIE _{Lab}	60.71, -9.34, -9.09
CIE _{LCh}	61, 13.032, 224.233
Yxy	28.9167, 0.2724, 0.3124
Android (android.graphics.Color)	4285962402 (0xFF7698A2)
YUV	142.9740, 9.3798, -21.9022
Hunter-Lab	53.7743, -10.3855, -4.7350

Details

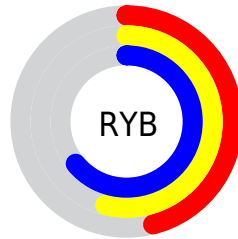
The XYZ color **25.2210, 28.9167, 38.4346** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8897, 24.4277, 20.4905**, and the grayscale version is **26.0692, 27.4268, 29.8678**.

A 20% lighter version of the original color is **51.3903, 57.8103, 74.0956**, and **9.8520, 11.6621, 16.4836** is the 20% darker color. If you saturate the color by 10%, you get **22.6192, 26.7029, 38.1449**, and if you desaturate by 10%, it is **28.2209, 31.3647, 38.7495**.

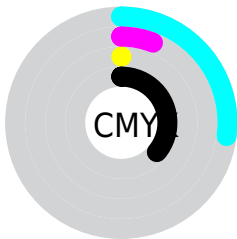
Distribution



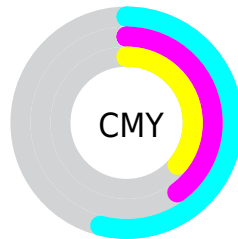
- Red (46%)
- Green (60%)
- Blue (64%)



- Red (46%)
- Yellow (54%)
- Blue (64%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (54%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2210, 28.9167, 38.4346 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 25.2210, 28.9167, 38.4346 by changing the saturation by 10% instead.

■ 25.2210, 28.9167,
38.4346

■ 25.2210, 28.9167,
38.4346

271.2641,
296.8217, 354.8346

■ 16.3714, 19.0178,
26.0157

■ 51.4558, 57.9447,
73.9846

■ 9.8799, 11.6832,
16.6095

■ 69.5718, 77.8426,
97.9528

■ 5.3810, 6.5283,
9.7975

■ 91.5072, 101.8423,
126.6078

■ 2.5095, 3.1689,
5.1610

117.6275,
130.3283, 160.3682

■ 0.9001, 1.2205,
2.2817

148.2980,
163.6848, 199.6525

■ 0.0000, 0.0784,
0.7209

183.8840,

■ 0.0000, 0.0000,

202.2962, 244.8794

0.0000

224.7509,
246.5471, 296.4672

■ 25.2210, 28.9167,
38.4346

■ 25.2210, 28.9167,
38.4346

■ 22.6192, 26.7029,
38.1449

■ 28.2209, 31.3647,
38.7495

■ 20.3935, 24.7095,
37.8775

■ 31.6345, 34.0530,
39.0885

■ 18.5235, 22.9266,
37.6319

■ 35.4795, 36.9917,
39.4530

■ 16.9859, 21.3418,
37.4070

■ 39.7719, 40.1894,
39.8440

■ 15.7543, 19.9413,
37.2016

■ 44.5268, 43.6539,
40.2621

■ 14.7983, 18.7091,
37.0142

■ 49.7588, 47.3931,
40.7081

■ 14.0703, 17.6205,
36.8424

■ 55.4815, 51.4142,
41.1826

■ 13.8794, 17.3242,
36.7953

■ 61.7081, 55.7243,
41.6864

■ 65.1384, 58.6222,
42.0649

Harmonies

Analogous

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



24.4531, 28.9167, 33.8296



25.2210, 28.9167, 38.4346



26.6108, 28.9167, 41.3190

Triad

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



25.2210, 28.9167, 38.4346



30.7322, 28.9167, 34.0828



26.6931, 28.9167, 23.2978

Complementary

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



25.2210, 28.9167, 38.4346



25.8897, 24.4277, 20.4905

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.



28.3770, 28.9167, 23.3506



25.2210, 28.9167, 38.4346



30.7565, 28.9167, 29.2520

Square

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



25.2210, 28.9167, 38.4346



29.8144, 28.9167, 38.6362



29.8794, 28.9167, 25.4287



25.2792, 28.9167, 25.2762

Rectangle

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



25.2210, 28.9167, 38.4346



27.7250, 28.9167, 41.7095



29.8794, 28.9167, 25.4287



27.2453, 28.9167, 23.0855

Sweetspot

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



25.2219, 28.9179, 38.4353



56.7802, 61.3160, 70.8986



24.2577, 31.2390, 25.0131



12.5418, 13.6070, 15.9029



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.2219, 28.9179, 38.4353



42.6518, 49.8499, 69.4301



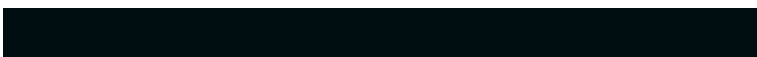
22.0381, 22.5504, 37.3740



7.1390, 7.7370, 9.0202



10.9677, 13.7149, 28.9990



0.2622, 0.3517, 0.6199

Inverse Universe

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



27.0469, 22.9058, 32.7029



46.6334, 37.2088, 56.8173



29.0028, 30.6539, 21.5282



7.2951, 7.1745, 8.5406



14.6815, 7.2286, 16.0452



0.3245, 0.1583, 0.4216

Previews

White Background



This preview shows how the XYZ color 25.2210, 28.9167, 38.4346 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 25.2210, 28.9167, 38.4346 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

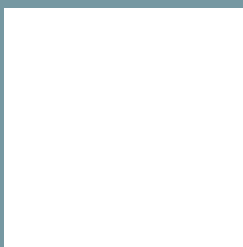
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2210, 28.9167, 38.4346

Background



This preview shows how black text looks on a background with the XYZ color 25.2210, 28.9167, 38.4346.



This preview shows how white text looks on a background with the XYZ color 25.2210, 28.9167,

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

25.2210, 28.9167, 38.4346

Protanopia

27.9740, 28.7392, 36.4206

Deuteranopia

29.3227, 28.7017, 39.1165



Tritanopia

25.4003, 28.9884, 39.3785

Trichromacy



Original Color

25.2210, 28.9167, 38.4346

Protanomaly

26.8396, 28.8339, 36.9518

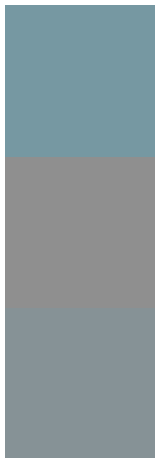
Deuteranomaly

27.7050, 28.7776, 38.7447

Tritanomaly

25.3103, 28.9524, 38.9047

Monochromacy



Original Color

25.2210, 28.9167, 38.4346

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6154, 27.8281, 32.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2210, 28.9167, 38.4346 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, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(118, 152, 162)  
}
```

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, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 152, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.2210, 28.9167, 38.4346 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, 152, 162) }
```


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

```
.border{ border-color:rgb(118, 152, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 152, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(118, 152,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2210, 28.9167, 38.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 152, 162) }
```

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

```
.background{ background-color: rgb(118,  
152, 162) }
```

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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