

Converting Colors

XYZ(25.2803, 31.3361, 38.6772)

Have a look what the booklet for
XYZ(25.2803, 31.3361, 38.6772)
contains.

XYZ(25.3858, 31.5135, 38.9272)	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(25.3858, 31.5135,
38.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA2A2
RGB	106, 162, 162
RGB Percent	42%, 64%, 64%
CMY	0.5843, 0.3647, 0.3647
CMYK	0.35, 0.00, 0.00, 0.36
HSL	180°, 23%, 53%
HSV	180°, 35%, 64%
XYZ	25.3858, 31.5135, 38.9272
YIQ	145.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

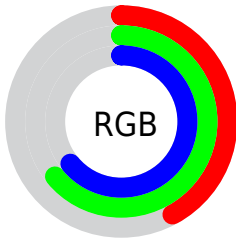
Format	Color
RYB	106, 134, 162
Decimal	6988450
CIELab	62.94, -18.25, -5.85
CIELCh	63, 19.168, 197.758
Yxy	31.5135, 0.2649, 0.3289
Android (android.graphics.Color)	4285178530 (0xFF6AA2A2)
YUV	145.2560, 8.2548, -34.4275
Hunter-Lab	56.1369, -17.5196, -1.8179

Details

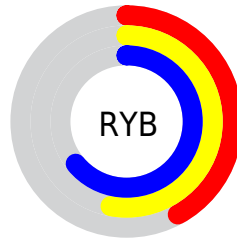
The XYZ color **25.3858, 31.5135, 38.9272** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6570, 19.0310, 16.1161**, and the grayscale version is **26.9957, 28.4016, 30.9293**.

A 20% lighter version of the original color is **51.8344, 62.1090, 74.9019**, and **9.9117, 13.0619, 16.7507** is the 20% darker color. If you saturate the color by 10%, you get **23.6398, 30.6142, 38.8459**, and if you desaturate by 10%, it is **27.4974, 32.6028, 39.0270**.

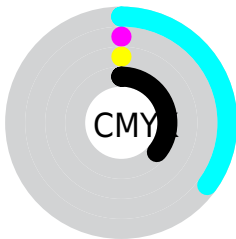
Distribution



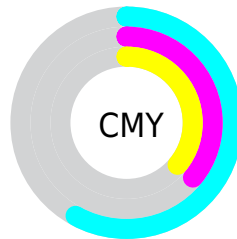
- Red (42%)
- Green (64%)
- Blue (64%)



- Red (42%)
- Yellow (53%)
- Blue (64%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3858, 31.5135, 38.9272 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 25.3858, 31.5135, 38.9272 by changing the saturation by 10% instead.

■ 25.3858, 31.5135,
38.9272

■ 25.3858, 31.5135,
38.9272

272.0662,
308.8971, 356.9976

■ 16.4950, 20.9902,
26.3957

■ 51.7208, 62.0476,
74.7462

■ 9.9682, 13.1168,
16.8915

■ 69.8957, 82.8272,
98.8708

■ 5.4400, 7.5090,
9.9960

■ 91.8960, 107.7944,
127.6968

■ 2.5450, 3.7824,
5.2907

■ 118.0871,
137.3334, 161.6429

■ 0.9180, 1.5526,
2.3571

148.8343,
171.8289, 201.1274

■ 0.0000, 0.3253,
0.7630

184.5030,

■ 0.0000, 0.0000,

211.6650, 246.5690

0.0000

225.4585,
257.2263, 298.3862

■ 25.3858, 31.5135,
38.9272

■ 25.3858, 31.5135,
38.9272

■ 23.6398, 30.6142,
38.8459

■ 27.4974, 32.6028,
39.0270

■ 22.2360, 29.8905,
38.7800

■ 29.9907, 33.8882,
39.1439

■ 21.1528, 29.3321,
38.7290

■ 32.8843, 35.3799,
39.2796

■ 20.3649, 28.9259,
38.6919

■ 36.1946, 37.0864,
39.4347

■ 19.8433, 28.6570,
38.6673

■ 39.9373, 39.0158,
39.6101

■ 19.5524, 28.5071,
38.6534

■ 44.1272, 41.1758,
39.8065

■ 19.4423, 28.4503,
38.6481

■ 48.7782, 43.5735,
40.0244

■ 53.9040, 46.2159,
40.2645

■ 59.5174, 49.1097,
40.5275

Harmonies

Analogous

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



25.2730, 31.5135, 31.3298



25.3858, 31.5135, 38.9272



26.6769, 31.5135, 46.2033

Triad

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



25.3858, 31.5135, 38.9272



33.8586, 31.5135, 45.0107



31.0388, 31.5135, 22.0056

Complementary

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



25.3858, 31.5135, 38.9272



22.6570, 19.0310, 16.1161

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.



33.4862, 31.5135, 24.6604



25.3858, 31.5135, 38.9272



35.1769, 31.5135, 37.4795

Square

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



25.3858, 31.5135, 38.9272



31.5232, 31.5135, 50.0540



35.0367, 31.5135, 30.0784



28.4351, 31.5135, 22.2753

Rectangle

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



25.3858, 31.5135, 38.9272



28.0771, 31.5135, 49.5567



35.0367, 31.5135, 30.0784



31.9098, 31.5135, 22.5674

Sweetspot

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



25.3867, 31.5148, 38.9279



56.6521, 62.6577, 71.1639



21.5782, 30.0042, 18.2905



12.5688, 13.9927, 15.9758



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.



25.3867, 31.5148, 38.9279



43.7343, 55.9983, 70.5579



21.1211, 22.9832, 37.5069



7.2761, 8.0113, 9.0659



15.3165, 22.4129, 30.4467



0.3218, 0.4709, 0.6398

Inverse Universe

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



22.6570, 19.0310, 16.1161



38.0620, 30.0578, 23.1563



25.8996, 25.5164, 17.1965



7.0738, 7.0860, 7.3750



11.7389, 6.0516, 0.5495



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 25.3858, 31.5135, 38.9272 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.3858, 31.5135, 38.9272 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 ✓ Pass

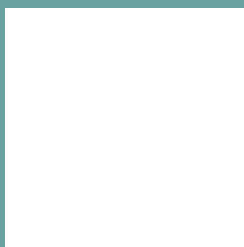
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3858, 31.5135, 38.9272

Background



This preview shows how black text looks on a background with the XYZ color 25.3858, 31.5135, 38.9272.

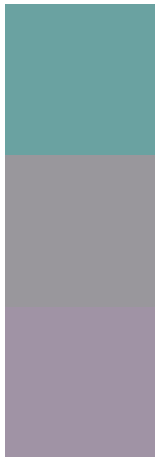


This preview shows how white text looks on a background with the XYZ color 25.3858, 31.5135,

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

25.3858, 31.5135, 38.9272

Protanopia

30.1199, 31.2721, 35.4590

Deuteranopia

31.7225, 31.0576, 39.9201



Tritanopia

26.4203, 31.4100, 44.2054

Trichromacy



Original Color

25.3858, 31.5135, 38.9272

Protanomaly

28.0462, 31.1456, 36.8812

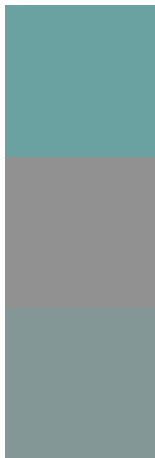
Deuteranomaly

28.7443, 30.7123, 39.5350

Tritanomaly

26.0906, 31.5425, 42.2493

Monochromacy



Original Color

25.3858, 31.5135, 38.9272

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0126, 29.1929, 33.5419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3858, 31.5135, 38.9272 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(106, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(106, 162, 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(106, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.3858, 31.5135, 38.9272 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(106, 162, 162) }
```


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

```
.border{ border-color:rgb(106, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(106, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3858, 31.5135, 38.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 162, 162) }
```

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

```
.background{ background-color: rgb(106,  
162, 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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