

Converting Colors

XYZ(25.8185, 31.8181, 38.9132)

Have a look what the booklet for
XYZ(25.8185, 31.8181, 38.9132)
contains.

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Color

**XYZ(25.7486, 31.7005,
38.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA2A2
RGB	109, 162, 162
RGB Percent	43%, 64%, 64%
CMY	0.5725, 0.3647, 0.3647
CMYK	0.33, 0.00, 0.00, 0.36
HSL	180°, 22%, 53%
HSV	180°, 33%, 64%
XYZ	25.7486, 31.7005, 38.9441
YIQ	146.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

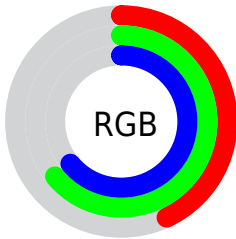
Format	Color
RYB	109, 136, 162
Decimal	7185058
CIELab	63.09, -17.40, -5.60
CIELCh	63, 18.278, 197.835
Yxy	31.7005, 0.2671, 0.3289
Android (android.graphics.Color)	4285375138 (0xFF6DA2A2)
YUV	146.1530, 7.8126, -32.5832
Hunter-Lab	56.3032, -16.8989, -1.5978

Details

The XYZ color **25.7486, 31.7005, 38.9441** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1304, 19.7237, 17.0572**, and the grayscale version is **27.3633, 28.7884, 31.3505**.

A 20% lighter version of the original color is **52.4415, 62.4220, 74.9303**, and **10.1353, 13.1772, 16.7611** is the 20% darker color. If you saturate the color by 10%, you get **23.9367, 30.7672, 38.8597**, and if you desaturate by 10%, it is **27.9297, 32.8257, 39.0471**.

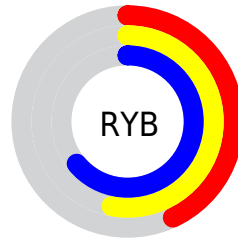
Distribution



Red (43%)

Green (64%)

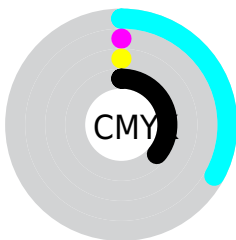
Blue (64%)



Red (43%)

Yellow (53%)

Blue (64%)

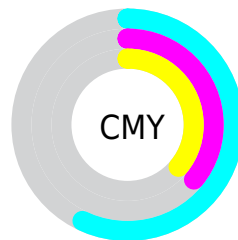


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7486, 31.7005, 38.9441 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 25.7486, 31.7005, 38.9441 by changing the saturation by 10% instead.

■ 25.7486, 31.7005,
38.9441

■ 25.7486, 31.7005,
38.9441

273.8252,
309.7527, 357.0716

■ 16.7674, 21.1328,
26.4087

■ 52.3033, 62.3413,
74.7723

■ 10.1630, 13.2211,
16.9012

■ 70.6075, 83.1832,
98.9023

■ 5.5703, 7.5810,
10.0028

■ 92.7500, 108.2186,
127.7341

■ 2.6237, 3.8280,
5.2952

■ 119.0962,
137.8320, 161.6865

■ 0.9581, 1.5778,
2.3597

150.0114,
172.4077, 201.1779

■ 0.0000, 0.3426,
0.7644

185.8611,

■ 0.0000, 0.0000,

212.3301, 246.6269

0.0000

227.0106,
257.9836, 298.4519

■ 25.7486, 31.7005,
38.9441

■ 25.7486, 31.7005,
38.9441

■ 23.9367, 30.7672,
38.8597

■ 27.9297, 32.8257,
39.0471

■ 22.4710, 30.0116,
38.7908

■ 30.4958, 34.1486,
39.1675

■ 21.3302, 29.4235,
38.7372

■ 33.4654, 35.6794,
39.3067

■ 20.4897, 28.9903,
38.6976

■ 36.8546, 37.4266,
39.4656

■ 19.9212, 28.6972,
38.6707

■ 40.6790, 39.3982,
39.6449

■ 19.5911, 28.5270,
38.6550

■ 44.9532, 41.6016,
39.8452

■ 19.4422, 28.4503,
38.6478

■ 49.6912, 44.0441,
40.0672

■ 54.9063, 46.7326,
40.3115

■ 60.6114, 49.6737,
40.5788

Harmonies

Analogous

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



25.6370, 31.7005, 31.6736



25.7486, 31.7005, 38.9441



26.9930, 31.7005, 45.8595

Triad

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



25.7486, 31.7005, 38.9441



33.8670, 31.7005, 44.6963



31.1632, 31.7005, 22.6492

Complementary

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



25.7486, 31.7005, 38.9441



23.1304, 19.7237, 17.0572

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.



33.5019, 31.7005, 25.2174



25.7486, 31.7005, 38.9441



35.1203, 31.7005, 37.5245

Square

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



25.7486, 31.7005, 38.9441



31.6391, 31.7005, 49.4857



34.9830, 31.7005, 30.4378



28.6704, 31.7005, 22.9186

Rectangle

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



25.7486, 31.7005, 38.9441



28.3388, 31.7005, 49.0311



34.9830, 31.7005, 30.4378



31.9959, 31.7005, 23.1926

Sweetspot

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



25.7495, 31.7018, 38.9448



56.6521, 62.6577, 71.1639



22.0975, 30.2536, 19.1436



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.



25.7495, 31.7018, 38.9448



44.3647, 56.3233, 70.5874



21.6875, 23.5774, 37.5917



7.2761, 8.0113, 9.0658



15.3164, 22.4129, 30.4465



0.3218, 0.4709, 0.6398

Inverse Universe

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



23.1304, 19.7237, 17.0572



38.8846, 31.2616, 24.7917



26.2723, 26.0078, 18.1040



7.0738, 7.0860, 7.3750



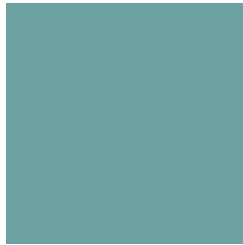
11.7389, 6.0516, 0.5495



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 25.7486, 31.7005, 38.9441 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 25.7486, 31.7005, 38.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

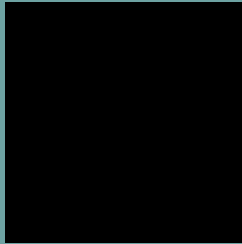
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7486, 31.7005, 38.9441

Background



This preview shows how black text looks on a background with the XYZ color 25.7486, 31.7005, 38.9441.

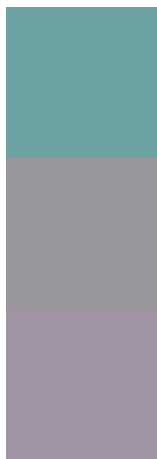


This preview shows how white text looks on a background with the XYZ color 25.7486, 31.7005,

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

25.7486, 31.7005, 38.9441

Protanopia

30.3938, 31.4035, 35.9121

Deuteranopia

32.0794, 31.4735, 39.9815



Tritanopia

26.7957, 31.6035, 44.2230

Trichromacy



Original Color

25.7486, 31.7005, 38.9441

Protanomaly

28.3741, 31.3146, 36.8966

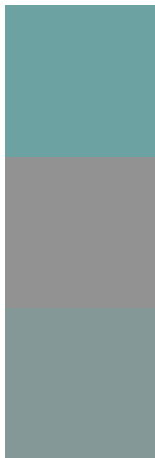
Deuteranomaly

29.2474, 31.2136, 39.6053

Tritanomaly

26.4618, 31.7338, 42.2667

Monochromacy



Original Color

25.7486, 31.7005, 38.9441

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5686, 29.7100, 34.0401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7486, 31.7005, 38.9441 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(109, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(109, 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(109, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.7486, 31.7005, 38.9441 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(109, 162, 162) }
```


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

```
.border{ border-color:rgb(109, 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(109, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(109, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7486, 31.7005, 38.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 162, 162) }
```

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

```
.background{ background-color: rgb(109,  
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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