

Converting Colors

XYZ(25.9469, 31.2949, 38.6091)

Have a look what the booklet for
XYZ(25.9469, 31.2949, 38.6091)
contains.

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Color

**XYZ(25.9433, 31.2922,
38.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	72A0A1
RGB	114, 160, 161
RGB Percent	45%, 63%, 63%
CMY	0.5529, 0.3725, 0.3686
CMYK	0.29, 0.01, 0.00, 0.37
HSL	181°, 20%, 54%
HSV	181°, 29%, 63%
XYZ	25.9433, 31.2922, 38.3909
YIQ	146.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

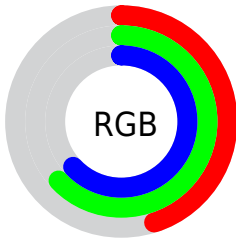
Format	Color
RYB	114, 137, 161
Decimal	7512225
CIELab	62.75, -15.12, -5.51
CIElCh	63, 16.089, 200.030
Yxy	31.2922, 0.2713, 0.3272
Android (android.graphics.Color)	4285702305 (0xFF72A0A1)
YUV	146.3600, 7.2175, -28.3797
Hunter-Lab	55.9394, -15.1102, -1.5328

Details

The XYZ color **25.9433, 31.2922, 38.3909** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.8665, 21.0539, 18.7263**, and the grayscale version is **27.4495, 28.8791, 31.4493**.

A 20% lighter version of the original color is **52.6315, 61.7742, 74.1154**, and **10.2269, 12.9077, 16.7043** is the 20% darker color. If you saturate the color by 10%, you get **23.9717, 30.1887, 38.2823**, and if you desaturate by 10%, it is **28.2855, 32.5886, 38.5182**.

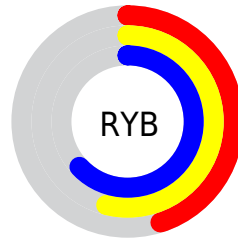
Distribution



Red (45%)

Green (63%)

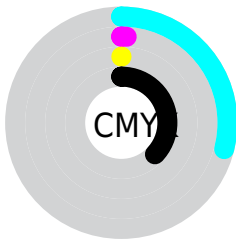
Blue (63%)



Red (45%)

Yellow (54%)

Blue (63%)

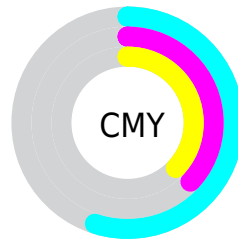


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9433, 31.2922, 38.3909 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 25.9433, 31.2922, 38.3909 by changing the saturation by 10% instead.

■ 25.9433, 31.2922,
38.3909

■ 25.9433, 31.2922,
38.3909

274.7654,
307.8822, 354.6422

■ 16.9137, 20.8215,
25.9820

■ 52.6154, 61.6998,
73.9169

■ 10.2679, 12.9936,
16.5846

■ 70.9886, 82.4055,
97.8712

■ 5.6406, 7.4241,
9.7799

■ 93.2071, 107.2916,
126.5110

■ 2.6663, 3.7287,
5.1496

119.6361,
136.7425, 160.2549

■ 0.9799, 1.5230,
2.2750

150.6411,
171.1426, 199.5215

■ 0.0000, 0.3048,
0.7172

186.5875,

■ 0.0000, 0.0000,

210.8763, 244.7291

0.0000

227.8404,
256.3281, 296.2965

■ 25.9433, 31.2922,
38.3909

■ 25.9433, 31.2922,
38.3909

■ 23.9717, 30.1887,
38.2823

■ 28.2855, 32.5886,
38.5182

■ 22.3487, 29.2644,
38.1895

■ 31.0135, 34.0833,
38.6629

■ 21.0541, 28.5095,
38.1120

■ 34.1450, 35.7862,
38.8266

■ 20.0644, 27.9122,
38.0489

■ 37.6957, 37.7056,
39.0099

■ 19.3534, 27.4587,
37.9988

■ 41.6805, 39.8489,
39.2136

■ 18.8900, 27.1332,
37.9604

■ 46.1136, 42.2236,
39.4383

■ 18.6097, 26.9022,
37.9306

■ 51.0086, 44.8367,
39.6847

■ 18.5887, 26.8844,
37.9283

■ 56.3784, 47.6948,
39.9533

■ 60.7847, 50.0564,
40.1769

Harmonies

Analogous

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



25.7685, 31.2922, 32.0176



25.9433, 31.2922, 38.3909



27.1074, 31.2922, 44.2225

Triad

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



25.9433, 31.2922, 38.3909



33.1025, 31.2922, 42.4597



30.4805, 31.2922, 23.4810

Complementary

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



25.9433, 31.2922, 38.3909



23.8665, 21.0539, 18.7263

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.



32.5426, 31.2922, 25.6071



25.9433, 31.2922, 38.3909



34.1050, 31.2922, 36.2122

Square

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



25.9433, 31.2922, 38.3909



31.2144, 31.2922, 46.7649



33.8952, 31.2922, 30.0896



28.3172, 31.2922, 23.9124

Rectangle

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



25.9433, 31.2922, 38.3909



28.3212, 31.2922, 46.7702



33.8952, 31.2922, 30.0896



31.2102, 31.2922, 23.9091

Sweetspot

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



25.9442, 31.2935, 38.3916



55.5535, 61.0458, 69.2416



22.7671, 30.3006, 20.8038



12.0271, 13.3027, 15.1774



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.9442, 31.2935, 38.3916



44.1058, 54.7259, 68.6251



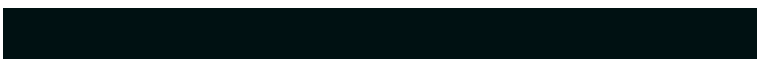
22.2786, 23.9623, 37.1698



7.2632, 7.9853, 9.0616



14.8500, 21.4794, 30.2930



0.3158, 0.4588, 0.6378

Inverse Universe

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



27.0612, 22.1506, 36.1082



46.4443, 35.6860, 63.8219



26.8651, 27.0511, 19.7258



7.3578, 7.1996, 8.8706



16.6411, 8.0125, 26.3641



0.3516, 0.1691, 0.5639

Previews

White Background



This preview shows how the XYZ color 25.9433, 31.2922, 38.3909 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 25.9433, 31.2922, 38.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

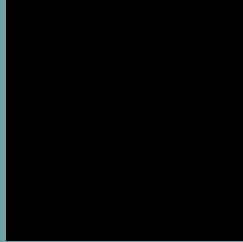
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9433, 31.2922, 38.3909

Background



This preview shows how black text looks on a background with the XYZ color 25.9433, 31.2922, 38.3909.



This preview shows how white text looks on a background with the XYZ color 25.9433, 31.2922,

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

25.9433, 31.2922, 38.3909

Protanopia

29.9596, 30.9516, 35.4056

Deuteranopia

31.6318, 31.0214, 39.4425



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

25.9433, 31.2922, 38.3909

Protanomaly

28.2889, 31.0345, 36.3976

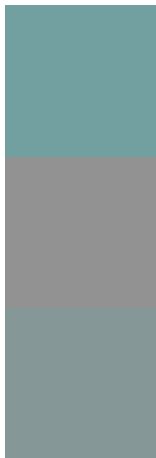
Deuteranomaly

29.1668, 30.9405, 39.0852

Tritanomaly

26.4434, 31.2311, 41.1937

Monochromacy



Original Color

25.9433, 31.2922, 38.3909

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4840, 29.4359, 33.5640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9433, 31.2922, 38.3909 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(114, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(114, 160, 161)  
}
```

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(114, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 160, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.9433, 31.2922, 38.3909 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(114, 160, 161) }
```


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

```
.border{ border-color:rgb(114, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(114, 160,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9433, 31.2922, 38.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 160, 161) }
```

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

```
.background{ background-color: rgb(114,  
160, 161) }
```

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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