

Converting Colors

XYZ(25.9103, 33.4779, 39.0794)

Have a look what the booklet for
XYZ(25.9103, 33.4779, 39.0794)
contains.

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Color

**XYZ(25.8910, 33.3806,
39.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	65A8A2
RGB	101, 168, 162
RGB Percent	40%, 66%, 64%
CMY	0.6039, 0.3412, 0.3647
CMYK	0.40, 0.00, 0.04, 0.34
HSL	175°, 28%, 53%
HSV	175°, 40%, 66%
XYZ	25.8910, 33.3806, 39.2609
YIQ	147.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

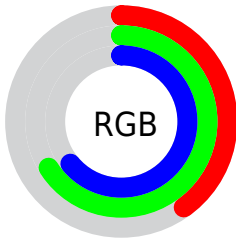
Format	Color
RYB	101, 136, 168
Decimal	6662306
CIELab	64.47, -22.72, -3.61
CIElCh	64, 23.009, 189.037
Yxy	33.3806, 0.2628, 0.3388
Android (android.graphics.Color)	4284852386 (0xFF65A8A2)
YUV	147.2830, 7.2555, -40.5902
Hunter-Lab	57.7759, -21.1171, 0.1534

Details

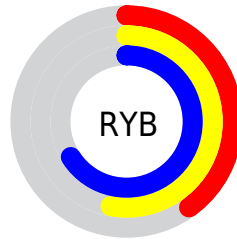
The XYZ color **25.8910, 33.3806, 39.2609** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4571, 18.6946, 16.2831**, and the grayscale version is **27.8332, 29.2827, 31.8888**.

A 20% lighter version of the original color is **52.4296, 64.7537, 75.3810**, and **10.2322, 14.2209, 16.9575** is the 20% darker color. If you saturate the color by 10%, you get **24.0661, 32.4560, 38.4820**, and if you desaturate by 10%, it is **28.1039, 34.5067, 40.0678**.

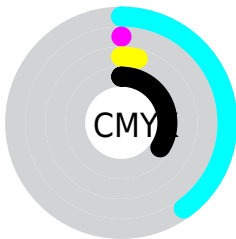
Distribution



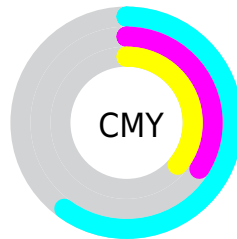
- Red (40%)
- Green (66%)
- Blue (64%)



- Red (40%)
- Yellow (53%)
- Blue (66%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (60%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8910, 33.3806, 39.2609 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 25.8910, 33.3806, 39.2609 by changing the saturation by 10% instead.

■ 25.8910, 33.3806,
39.2609

■ 25.8910, 33.3806,
39.2609

274.5131,
317.3613, 358.4575

■ 16.8744, 22.4182,
26.6534

■ 52.5316, 64.9693,
75.2614

■ 10.2397, 14.1645,
17.0829

■ 70.8863, 86.3643,
99.4915

■ 5.6217, 8.2352,
10.1310

■ 93.0844, 112.0057,
128.4329

■ 2.6549, 4.2458,
5.3792

■ 119.4912,
142.2778, 162.5040

■ 0.9740, 1.8120,
2.4088

150.4721,
177.5650, 202.1235

■ 0.0000, 0.4946,
0.7912

186.3925,

■ 0.0000, 0.0000,

218.2517, 247.7099

0.0000

227.6177,
264.7223, 299.6817

■ 25.8910, 33.3806,
39.2609

■ 25.8910, 33.3806,
39.2609

■ 24.0661, 32.4560,
38.4820

■ 28.1039, 34.5067,
40.0678

■ 22.6028, 31.7169,
37.7276

■ 30.7236, 35.8414,
40.9014

■ 21.4759, 31.1509,
36.9972

■ 33.7710, 37.3965,
41.7634

■ 20.6555, 30.7428,
36.2895

■ 37.2648, 39.1815,
42.6548

■ 20.1069, 30.4746,
35.6027

■ 41.2226, 41.2055,
43.5764

■ 19.7531, 30.3067,
34.9333

■ 45.6610, 43.4771,
44.5289

■ 19.7491, 30.3048,
34.9253

■ 50.5957, 46.0044,
45.5132

■ 56.0419, 48.7951,
46.5300

■ 62.0140, 51.8568,
47.5800

Harmonies

Analogous

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



26.1886, 33.3806, 30.2524



25.8910, 33.3806, 39.2609



27.0711, 33.3806, 48.9664

Triad

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



25.8910, 33.3806, 39.2609



35.8726, 33.3806, 52.2791



34.0403, 33.3806, 21.9394

Complementary

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



25.8910, 33.3806, 39.2609



23.4571, 18.6946, 16.2831

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.



36.8889, 33.3806, 26.1046



25.8910, 33.3806, 39.2609



37.9964, 33.3806, 43.2069

Square

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



25.8910, 33.3806, 39.2609



32.7294, 33.3806, 57.2897



38.3806, 33.3806, 33.5787



30.7457, 33.3806, 21.2521

Rectangle

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



25.8910, 33.3806, 39.2609



28.5883, 33.3806, 54.1623



38.3806, 33.3806, 33.5787



35.0880, 33.3806, 22.9398

Sweetspot

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



25.8920, 33.3819, 39.2617



59.9150, 67.1618, 75.4122



22.5005, 32.1156, 17.3255



12.9065, 14.5606, 16.3944



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.8920, 33.3819, 39.2617



43.9707, 59.0462, 69.9677



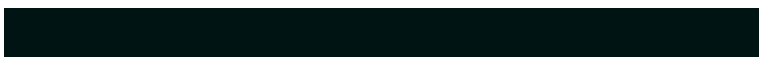
21.9900, 24.7037, 40.6566



7.7181, 8.5203, 9.5018



14.9229, 22.8879, 26.4244



0.3712, 0.5601, 0.6857

Inverse Universe

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



23.4571, 18.6946, 16.2831



38.9295, 28.5911, 22.3589



26.1916, 24.6517, 15.6903



7.5574, 7.5528, 7.9864



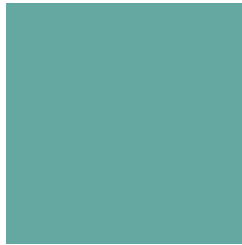
12.2689, 6.3163, 0.9618



0.3067, 0.1570, 0.0666

Previews

White Background



This preview shows how the XYZ color 25.8910, 33.3806, 39.2609 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 25.8910, 33.3806, 39.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

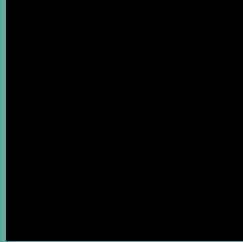
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8910, 33.3806, 39.2609

Background



This preview shows how black text looks on a background with the XYZ color 25.8910, 33.3806, 39.2609.



This preview shows how white text looks on a background with the XYZ color 25.8910, 33.3806,

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

25.8910, 33.3806, 39.2609

Protanopia

31.8522, 33.1467, 35.2910

Deuteranopia

33.6754, 32.9934, 40.6699



Tritanopia

27.5357, 33.2291, 47.6104

Trichromacy



Original Color

25.8910, 33.3806, 39.2609

Protanomaly

29.1378, 32.9792, 36.7282

Deuteranomaly

30.0038, 32.5813, 40.3048

Tritanomaly

26.8880, 33.2326, 44.5326

Monochromacy



Original Color

25.8910, 33.3806, 39.2609

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5948, 30.4555, 34.1826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8910, 33.3806, 39.2609 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(101, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(101, 168, 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(101, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.8910, 33.3806, 39.2609 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(101, 168, 162) }
```


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

```
.border{ border-color:rgb(101, 168, 162) }
```

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

Here you see how a box with a 4 pixel rgb(101, 168, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(101, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8910, 33.3806, 39.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 168, 162) }
```

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

```
.background{ background-color: rgb(101,  
168, 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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