

Converting Colors

XYZ(25.7586, 31.9051, 41.8465)

Have a look what the booklet for
XYZ(25.7586, 31.9051, 41.8465)
contains.

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Color

**XYZ(25.7586, 31.9051,
41.8465)**

Conversions

Conversions Part 1

Format	Color
Hex	67A3A8
RGB	103, 163, 168
RGB Percent	40%, 64%, 66%
CMY	0.5961, 0.3608, 0.3412
CMYK	0.39, 0.03, 0.00, 0.34
HSL	185°, 27%, 53%
HSV	185°, 39%, 66%
XYZ	25.7586, 31.9051, 41.8465
YIQ	145.6300, -37.3650, -11.1650

Conversions

Conversions Part 2

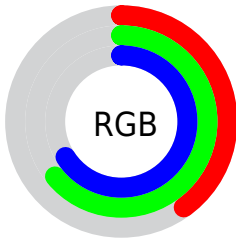
Format	Color
RYB	103, 134, 168
Decimal	6792104
CIELab	63.26, -18.09, -8.75
CIELCh	63, 20.094, 205.808
Yxy	31.9051, 0.2589, 0.3206
Android (android.graphics.Color)	4284982184 (0xFF67A3A8)
YUV	145.6300, 11.0284, -37.3865
Hunter-Lab	56.4846, -17.4469, -4.3857

Details

The XYZ color **25.7586, 31.9051, 41.8465** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9597, 20.0297, 15.4360**, and the grayscale version is **27.1383, 28.5516, 31.0927**.

A 20% lighter version of the original color is **52.2953, 62.6386, 79.1462**, and **10.1522, 13.3079, 18.5566** is the 20% darker color. If you saturate the color by 10%, you get **23.7939, 30.5542, 41.6899**, and if you desaturate by 10%, it is **28.1147, 33.4628, 42.0235**.

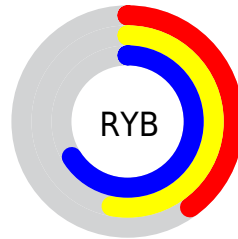
Distribution



Red (40%)

Green (64%)

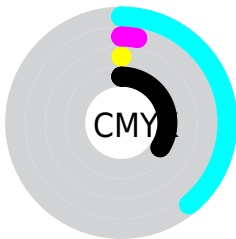
Blue (66%)



Red (40%)

Yellow (53%)

Blue (66%)

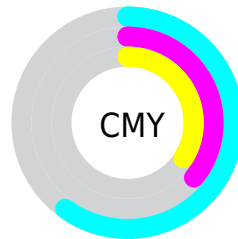


Cyan (39%)

Magenta (3%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7586, 31.9051, 41.8465 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 25.7586, 31.9051, 41.8465 by changing the saturation by 10% instead.

■ 25.7586, 31.9051,
41.8465

■ 25.7586, 31.9051,
41.8465

273.8735,
310.6867, 369.6271

■ 16.7749, 21.2890,
28.6564

■ 52.3193, 62.6623,
79.2348

■ 10.1684, 13.3354,
18.5777

■ 70.6270, 83.5722,
104.2702

■ 5.5739, 7.6599,
11.1919

■ 92.7735, 108.6821,
134.0911

■ 2.6259, 3.8781,
6.0802

■ 119.1239,
138.3766, 169.1160

■ 0.9592, 1.6056,
2.8244

150.0438,
173.0398, 209.7635

■ 0.0000, 0.3614,
1.0057

185.8985,

■ 0.0000, 0.0000,

213.0564, 256.4522

0.0000

227.0533,
258.8105, 309.6005

■ 25.7586, 31.9051,
41.8465

■ 25.7586, 31.9051,
41.8465

■ 23.7939, 30.5542,
41.6899

■ 28.1147, 33.4628,
42.0235

■ 22.1945, 29.3944,
41.5503

■ 30.8808, 35.2345,
42.2197

■ 20.9354, 28.4134,
41.4273

■ 34.0776, 37.2318,
42.4367

■ 19.9875, 27.5963,
41.3195

■ 37.7237, 39.4642,
42.6755

■ 19.3165, 26.9254,
41.2254

■ 41.8365, 41.9407,
42.9367

■ 18.8588, 26.3679,
41.1419

■ 46.4326, 44.6699,
43.2213

■ 18.8030, 26.2972,
41.1312

■ 51.5276, 47.6599,
43.5298

■ 57.1365, 50.9183,
43.8632

■ 63.2738, 54.4527,
44.2219

Harmonies

Analogous

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



25.2956, 31.9051, 33.6312



25.7586, 31.9051, 41.8465



27.4164, 31.9051, 49.0180

Triad

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



25.7586, 31.9051, 41.8465



34.9693, 31.9051, 44.0815



30.7176, 31.9051, 21.5884

Complementary

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



25.7586, 31.9051, 41.8465



23.9597, 20.0297, 15.4360

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.



33.4321, 31.9051, 23.5434



25.7586, 31.9051, 41.8465



35.9801, 31.9051, 35.8714

Square

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



25.7586, 31.9051, 41.8465



32.7144, 31.9051, 50.4406



35.4011, 31.9051, 28.4860



28.0546, 31.9051, 22.6898

Rectangle

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



25.7586, 31.9051, 41.8465



29.0319, 31.9051, 51.8130



35.4011, 31.9051, 28.4860



31.6556, 31.9051, 21.9006

Sweetspot

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



25.7596, 31.9064, 41.8472



59.6981, 66.2339, 76.8631



22.2683, 31.9581, 18.9977



12.8545, 14.3381, 16.7422



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.



25.7596, 31.9064, 41.8472



43.7837, 55.8701, 75.7014



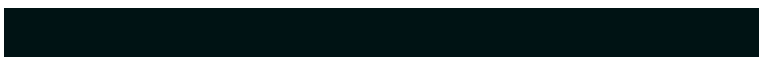
20.8008, 21.9889, 40.1943



7.6975, 8.4319, 9.6402



14.2159, 19.8920, 31.0658



0.3599, 0.5120, 0.7605

Inverse Universe

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



27.6104, 20.6705, 37.1863



47.6580, 32.8935, 65.8225



27.9511, 28.0123, 16.7665



7.8166, 7.6565, 9.3517



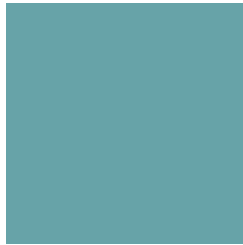
16.6761, 8.0792, 24.1698



0.4128, 0.1994, 0.6253

Previews

White Background



This preview shows how the XYZ color 25.7586, 31.9051, 41.8465 looks on a white background.

Color Contrast Check

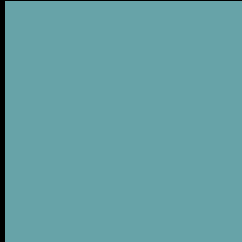
Large Text (above 18pt) WCAG AA × Fail

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 25.7586, 31.9051, 41.8465 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

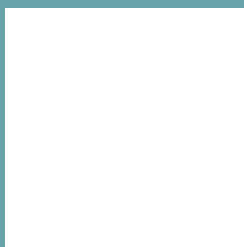
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7586, 31.9051, 41.8465

Background



This preview shows how black text looks on a background with the XYZ color 25.7586, 31.9051, 41.8465.

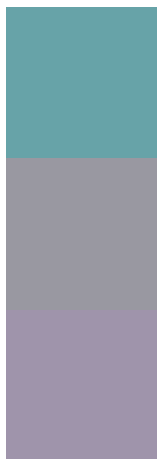


This preview shows how white text looks on a background with the XYZ color 25.7586, 31.9051,

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

25.7586, 31.9051, 41.8465

Protanopia

30.7981, 31.8020, 38.2334

Deuteranopia

32.2387, 31.4910, 42.9073



Tritanopia

26.4839, 31.9391, 45.3264

Trichromacy



Original Color

25.7586, 31.9051, 41.8465

Protanomaly

28.5810, 31.6082, 39.7166

Deuteranomaly

29.2944, 31.1737, 42.5034

Tritanomaly

26.0756, 31.7623, 43.7861

Monochromacy



Original Color

25.7586, 31.9051, 41.8465

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.2669, 29.5354, 34.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7586, 31.9051, 41.8465 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(103, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(103, 163, 168)  
}
```

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(103, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 163, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.7586, 31.9051, 41.8465 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(103, 163, 168) }
```


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

```
.border{ border-color:rgb(103, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(103, 163,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7586, 31.9051, 41.8465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 163, 168) }
```

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

```
.background{ background-color: rgb(103,  
163, 168) }
```

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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