

Converting Colors

XYZ(27.9632, 33.2336, 38.3086)

Have a look what the booklet for
XYZ(27.9632, 33.2336, 38.3086)
contains.

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Color

**XYZ(27.8998, 33.0924,
38.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA3A0
RGB	125, 163, 160
RGB Percent	49%, 64%, 63%
CMY	0.5098, 0.3608, 0.3725
CMYK	0.23, 0.00, 0.02, 0.36
HSL	175°, 17%, 56%
HSV	175°, 23%, 64%
XYZ	27.8998, 33.0924, 38.1747
YIQ	151.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

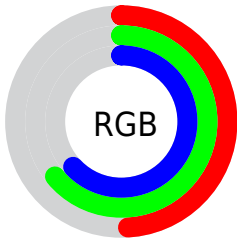
Format	Color
RYB	125, 145, 163
Decimal	8233888
CIELab	64.24, -13.55, -2.69
CIElCh	64, 13.812, 191.228
Yxy	33.0924, 0.2813, 0.3337
Android (android.graphics.Color)	4286423968 (0xFF7DA3A0)
YUV	151.2960, 4.2911, -23.0616
Hunter-Lab	57.5260, -14.0989, 0.9229

Details

The XYZ color **27.8998, 33.0924, 38.1747** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.3353, 24.0132, 23.6704**, and the grayscale version is **29.5318, 31.0697, 33.8349**.

A 20% lighter version of the original color is **55.6972, 64.5141, 73.8069**, and **11.3464, 13.9689, 16.5662** is the 20% darker color. If you saturate the color by 10%, you get **25.6010, 31.9211, 37.4828**, and if you desaturate by 10%, it is **30.5923, 34.4682, 38.8926**.

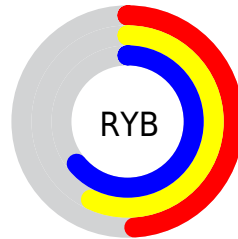
Distribution



Red (49%)

Green (64%)

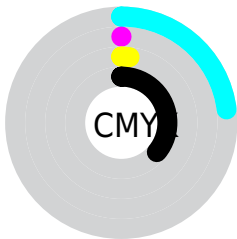
Blue (63%)



Red (49%)

Yellow (57%)

Blue (64%)

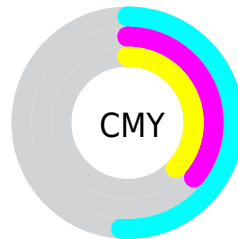


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8998, 33.0924, 38.1747 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 27.8998, 33.0924, 38.1747 by changing the saturation by 10% instead.

■ 27.8998, 33.0924,
38.1747

■ 27.8998, 33.0924,
38.1747

284.0766,
316.0659, 353.6894

■ 18.3902, 22.1972,
25.8154

■ 55.7342, 64.5198,
73.5822

■ 11.3319, 14.0019,
16.4611

■ 74.7897, 85.8208,
97.4675

■ 6.3595, 8.1220,
9.6931

■ 97.7579, 111.3591,
126.0320

■ 3.1076, 4.1731,
5.0930

125.0041,
141.5193, 159.6940

■ 1.2109, 1.7709,
2.2423

156.8938,
176.6857, 198.8723

■ 0.1150, 0.4689,
0.6986

193.7921,

■ 0.0000, 0.0000,

217.2426, 243.9852

0.0000

236.0646,
263.5746, 295.4514

■ 27.8998, 33.0924,
38.1747

■ 27.8998, 33.0924,
38.1747

■ 25.6010, 31.9211,
37.4828

■ 30.5923, 34.4682,
38.8926

■ 23.6738, 30.9405,
36.8136

■ 33.6932, 36.0536,
39.6350

■ 22.0987, 30.1411,
36.1669

■ 37.2203, 37.8585,
40.4034

■ 20.8531, 29.5115,
35.5417

■ 41.1891, 39.8910,
41.1987

■ 19.9115, 29.0385,
34.9368

■ 45.6147, 42.1589,
42.0215

■ 19.2451, 28.7073,
34.3507

■ 50.5113, 44.6694,
42.8726

■ 18.8193, 28.4999,
33.7819

■ 55.8924, 47.4295,
43.7525

■ 18.6130, 28.4016,
33.4085

■ 61.6221, 50.3693,
44.6550

■ 61.7449, 50.4184,
45.3012

Harmonies

Analogous

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



28.0184, 33.0924, 32.6692



27.8998, 33.0924, 38.1747



28.7033, 33.0924, 43.6235

Triad

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



27.8998, 33.0924, 38.1747



34.0030, 33.0924, 44.7741



32.6817, 33.0924, 26.7488

Complementary

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



27.8998, 33.0924, 38.1747



26.3353, 24.0132, 23.6704

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.



34.3736, 33.0924, 29.3766



27.8998, 33.0924, 38.1747



35.1581, 33.0924, 39.6179

Square

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



27.8998, 33.0924, 38.1747



32.1929, 33.0924, 47.6890



35.2965, 33.0924, 33.9710



30.7252, 33.0924, 26.4486

Rectangle

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



27.8998, 33.0924, 38.1747



29.6741, 33.0924, 46.3446



35.2965, 33.0924, 33.9710



33.3023, 33.0924, 27.3753

Sweetspot

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



27.9008, 33.0938, 38.1754



58.1314, 63.4372, 70.4673



25.7270, 32.2785, 24.2771



12.9863, 14.2121, 15.8101



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.



27.9008, 33.0938, 38.1754



47.7363, 58.1285, 67.7152



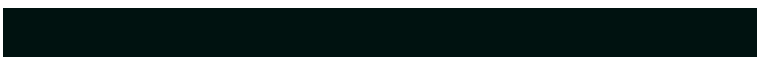
25.5289, 27.9247, 38.6963



7.2519, 8.0016, 8.9381



14.4728, 22.0755, 26.0041



0.3107, 0.4665, 0.5813

Inverse Universe

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



26.3353, 24.0132, 23.6704



44.4336, 38.9644, 37.1084



28.3074, 28.2689, 23.3672



7.0954, 7.0946, 7.4890



11.8021, 6.0769, 0.8824



0.2544, 0.1302, 0.0522

Previews

White Background



This preview shows how the XYZ color 27.8998, 33.0924, 38.1747 looks on a white background.

Color Contrast Check

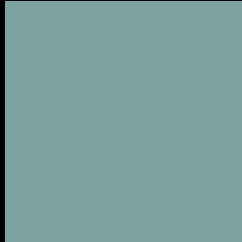
Large Text (above 18pt) WCAG AA × Fail

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 27.8998, 33.0924, 38.1747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

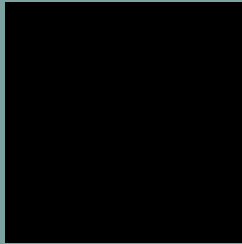
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.8998, 33.0924, 38.1747

Background



This preview shows how black text looks on a background with the XYZ color 27.8998, 33.0924, 38.1747.

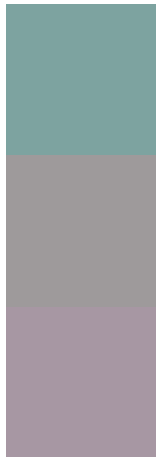


This preview shows how white text looks on a background with the XYZ color 27.8998, 33.0924,

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

27.8998, 33.0924, 38.1747

Protanopia

31.5725, 32.7469, 35.6671

Deuteranopia

33.6138, 32.9931, 39.2470



Tritanopia

29.2869, 33.1349, 44.8965

Trichromacy



Original Color

27.8998, 33.0924, 38.1747

Protanomaly

29.9968, 32.6593, 36.6212

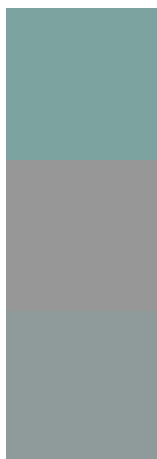
Deuteranomaly

31.1918, 32.7267, 38.8553

Tritanomaly

28.8342, 33.2173, 42.4280

Monochromacy



Original Color

27.8998, 33.0924, 38.1747

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7094, 31.5266, 35.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8998, 33.0924, 38.1747 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(125, 163, 160)` looks like.

```
.text, #text, p{  
    color:rgb(125, 163, 160)  
}
```

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(125, 163, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 163, 160) }
```

Border

The CSS property to change the border of an element to XYZ 27.8998, 33.0924, 38.1747 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(125, 163, 160) }
```


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

```
.border{ border-color:rgb(125, 163, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 163, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(125, 163,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8998, 33.0924, 38.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 163, 160) }
```

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

```
.background{ background-color: rgb(125,  
163, 160) }
```

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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