

Converting Colors

XYZ(27.4517, 33.5596, 39.8884)

Have a look what the booklet for
XYZ(27.4517, 33.5596, 39.8884)
contains.

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Color

**XYZ(27.4495, 33.6298,
39.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	74A6A3
RGB	116, 166, 163
RGB Percent	45%, 65%, 64%
CMY	0.5451, 0.3490, 0.3608
CMYK	0.30, 0.00, 0.02, 0.35
HSL	176°, 22%, 55%
HSV	176°, 30%, 65%
XYZ	27.4495, 33.6298, 39.6948
YIQ	150.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

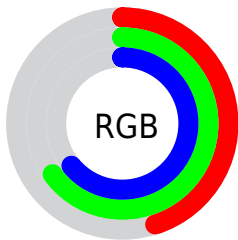
Format	Color
RYB	116, 142, 166
Decimal	7644835
CIELab	64.67, -17.21, -3.79
CIELCh	65, 17.620, 192.428
Yxy	33.6298, 0.2724, 0.3337
Android (android.graphics.Color)	4285834915 (0xFF74A6A3)
YUV	150.7080, 6.0600, -30.4389
Hunter-Lab	57.9912, -16.9936, 0.0100

Details

The XYZ color **27.4495, 33.6298, 39.6948** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.3022, 21.9305, 20.3534**, and the grayscale version is **29.2752, 30.7997, 33.5409**.

A 20% lighter version of the original color is **55.0889, 65.3209, 76.0344**, and **11.0665, 14.3061, 17.2170** is the 20% darker color. If you saturate the color by 10%, you get **25.3484, 32.5578, 39.1328**, and if you desaturate by 10%, it is **29.9476, 34.9081, 40.2805**.

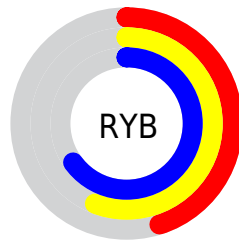
Distribution



Red (45%)

Green (65%)

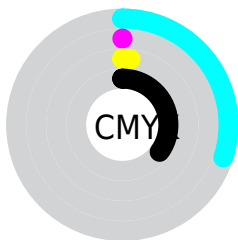
Blue (64%)



Red (45%)

Yellow (56%)

Blue (65%)

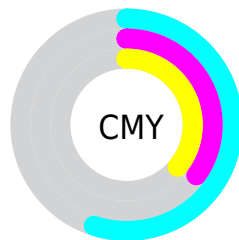


Cyan (30%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4495, 33.6298, 39.6948 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 27.4495, 33.6298, 39.6948 by changing the saturation by 10% instead.

■ 27.4495, 33.6298,
39.6948

■ 27.4495, 33.6298,
39.6948

281.9550,
318.4782, 360.3493

■ 18.0494, 22.6093,
26.9887

■ 55.0191, 65.3576,
75.9305

■ 11.0854, 14.3053,
17.3324

■ 73.9194, 86.8337,
100.2972

■ 6.1920, 8.3333,
10.3073

■ 96.7172, 112.5638,
129.3879

■ 3.0040, 4.3090,
5.4949

123.7777,
142.9323, 163.6210

■ 1.1559, 1.8479,
2.4767

155.4664,
178.3236, 203.4152

■ 0.0711, 0.5167,
0.8278

192.1486,

■ 0.0000, 0.0000,

219.1221, 249.1889

0.0000

234.1897,
265.7121, 301.3608

■ 27.4495, 33.6298,
39.6948

■ 27.4495, 33.6298,
39.6948

■ 25.3484, 32.5578,
39.1328

■ 29.9476, 34.9081,
40.2805

■ 23.6203, 31.6771,
38.5912

■ 32.8592, 36.3987,
40.8885

■ 22.2433, 30.9773,
38.0697

■ 36.2035, 38.1122,
41.5205

■ 21.1919, 30.4453,
37.5671

■ 39.9975, 40.0575,
42.1772

■ 20.4371, 30.0662,
37.0820

■ 44.2574, 42.2428,
42.8594

■ 19.9450, 29.8224,
36.6128

■ 48.9985, 44.6762,
43.5678

■ 19.6407, 29.6752,
36.1614

■ 54.2354, 47.3651,
44.3032

■ 59.9823, 50.3168,
45.0661

■ 62.3205, 51.5111,
45.6733

Harmonies

Analogous

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



27.5516, 33.6298, 32.5742



27.4495, 33.6298, 39.6948



28.5097, 33.6298, 46.8320

Triad

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



27.4495, 33.6298, 39.6948



35.3560, 33.6298, 47.8802



33.4537, 33.6298, 24.8873

Complementary

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



27.4495, 33.6298, 39.6948



25.3022, 21.9305, 20.3534

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.



35.6868, 33.6298, 28.0073



27.4495, 33.6298, 39.6948



36.8243, 33.6298, 40.9814

Square

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



27.4495, 33.6298, 39.6948



33.0214, 33.6298, 51.9590



36.9484, 33.6298, 33.7028



30.9296, 33.6298, 24.6383

Rectangle

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



27.4495, 33.6298, 39.6948



29.7672, 33.6298, 50.3911



36.9484, 33.6298, 33.7028



34.2665, 33.6298, 25.6141

Sweetspot

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



27.4505, 33.6312, 39.6956



60.1782, 66.3361, 74.3130



24.4431, 32.4803, 21.5046



13.2873, 14.7528, 16.5943



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.



27.4505, 33.6312, 39.6956



47.2411, 59.7186, 71.3674



24.1101, 26.5149, 39.9251



7.7278, 8.5242, 9.5528



15.2359, 23.0131, 28.0727



0.3763, 0.5622, 0.7126

Inverse Universe

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



25.3022, 21.9305, 20.3534



42.7218, 35.0932, 30.6697



27.9201, 27.4505, 20.3504



7.5487, 7.5493, 7.9407



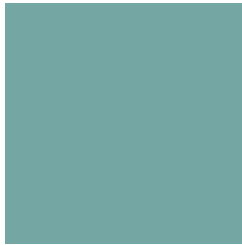
12.2433, 6.3060, 0.8269



0.3034, 0.1556, 0.0492

Previews

White Background



This preview shows how the XYZ color 27.4495, 33.6298, 39.6948 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 27.4495, 33.6298, 39.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

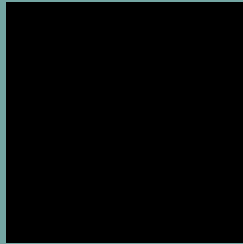
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4495, 33.6298, 39.6948

Background



This preview shows how black text looks on a background with the XYZ color 27.4495, 33.6298, 39.6948.



This preview shows how white text looks on a background with the XYZ color 27.4495, 33.6298,

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

27.4495, 33.6298, 39.6948

Protanopia

32.1052, 33.2479, 36.6237

Deuteranopia

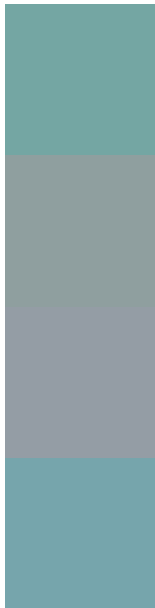
34.0475, 33.4251, 40.7336



Tritanopia

28.8190, 33.6472, 46.5706

Trichromacy



Original Color

27.4495, 33.6298, 39.6948

Protanomaly

29.9838, 33.1391, 37.6171

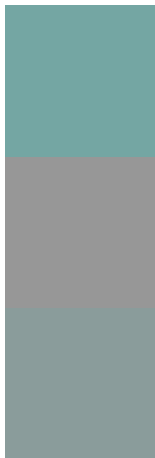
Deuteranomaly

31.0612, 33.1265, 40.3543

Tritanomaly

28.3727, 33.7404, 44.0469

Monochromacy



Original Color

27.4495, 33.6298, 39.6948

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.2861, 31.5468, 35.6086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4495, 33.6298, 39.6948 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(116, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(116, 166, 163)  
}
```

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(116, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 166, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.4495, 33.6298, 39.6948 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(116, 166, 163) }
```


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

```
.border{ border-color:rgb(116, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(116, 166,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4495, 33.6298, 39.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 166, 163) }
```

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

```
.background{ background-color: rgb(116,  
166, 163) }
```

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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