

Converting Colors

XYZ(27.2180, 33.9534, 42.3122)

Have a look what the booklet for
XYZ(27.2180, 33.9534, 42.3122)
contains.

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Color

**XYZ(27.2549, 34.0206,
42.1759)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA8A8
RGB	108, 168, 168
RGB Percent	42%, 66%, 66%
CMY	0.5765, 0.3412, 0.3412
CMYK	0.36, 0.00, 0.00, 0.34
HSL	180°, 26%, 54%
HSV	180°, 36%, 66%
XYZ	27.2549, 34.0206, 42.1759
YIQ	150.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

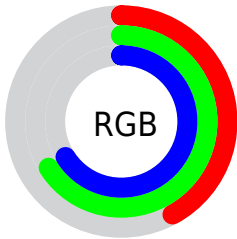
Format	Color
RYB	108, 138, 168
Decimal	7121064
CIELab	64.98, -19.33, -6.17
CIELCh	65, 20.294, 197.707
Yxy	34.0206, 0.2635, 0.3289
Android (android.graphics.Color)	4285311144 (0xFF6CA8A8)
YUV	150.0600, 8.8444, -36.8866
Hunter-Lab	58.3272, -18.6638, -2.0431

Details

The XYZ color **27.2549, 34.0206, 42.1759** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.2190, 20.1337, 16.7985**, and the grayscale version is **28.9903, 30.5000, 33.2145**.

A 20% lighter version of the original color is **54.6073, 65.7844, 79.6316**, and **11.0287, 14.5925, 18.7584** is the 20% darker color. If you saturate the color by 10%, you get **25.4055, 33.0681, 42.0898**, and if you desaturate by 10%, it is **29.5000, 35.1788, 42.2820**.

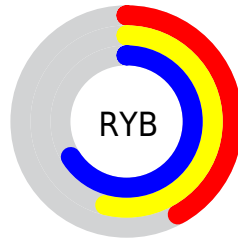
Distribution



Red (42%)

Green (66%)

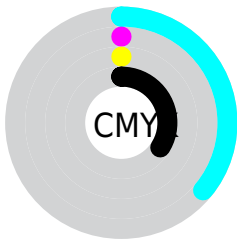
Blue (66%)



Red (42%)

Yellow (54%)

Blue (66%)

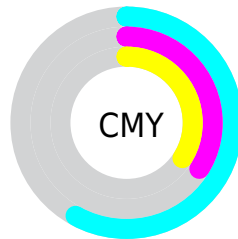


Cyan (36%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2549, 34.0206, 42.1759 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 27.2549, 34.0206, 42.1759 by changing the saturation by 10% instead.

■ 27.2549, 34.0206,
42.1759

■ 27.2549, 34.0206,
42.1759

281.0343,
320.2239, 371.0327

■ 17.9023, 22.9094,
28.9125

■ 54.7096, 65.9657,
79.7387

■ 10.9792, 14.5266,
18.7696

■ 73.5425, 87.5684,
104.8752

■ 6.1200, 8.4879,
11.3288

■ 96.2662, 113.4371,
134.8064

■ 2.9595, 4.4087,
6.1715

■ 123.2461,
143.9562, 169.9509

■ 1.1324, 1.9047,
2.8792

154.8474,
179.5100, 210.7273

■ 0.0520, 0.5512,
1.0333

191.4357,

■ 0.0000, 0.0000,

220.4829, 257.5540

0.0000

233.3762,
267.2594, 310.8496

■ 27.2549, 34.0206,
42.1759

■ 27.2549, 34.0206,
42.1759

■ 25.4055, 33.0681,
42.0898

■ 29.5000, 35.1788,
42.2820

■ 23.9262, 32.3054,
42.0203

■ 32.1587, 36.5494,
42.4067

■ 22.7929, 31.7212,
41.9670

■ 35.2515, 38.1438,
42.5517

■ 21.9775, 31.3009,
41.9286

■ 38.7965, 39.9713,
42.7179

■ 21.4477, 31.0277,
41.9035

■ 42.8108, 42.0408,
42.9060

■ 21.1610, 30.8800,
41.8898

■ 47.3108, 44.3606,
43.1169

■ 21.0709, 30.8335,
41.8855

■ 52.3119, 46.9388,
43.3512

■ 57.8289, 49.7829,
43.6097

■ 62.3117, 52.0938,
43.8198

Harmonies

Analogous

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



27.1320, 34.0206, 33.7091



27.2549, 34.0206, 42.1759



28.6869, 34.0206, 50.3216

Triad

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



27.2549, 34.0206, 42.1759



36.6895, 34.0206, 49.0096



33.5512, 34.0206, 23.3958

Complementary

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



27.2549, 34.0206, 42.1759



24.2190, 20.1337, 16.7985

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.



36.2812, 34.0206, 26.3330



27.2549, 34.0206, 42.1759



38.1652, 34.0206, 40.5891

Square

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



27.2549, 34.0206, 42.1759



34.0815, 34.0206, 54.6586



38.0114, 34.0206, 32.3438



30.6503, 34.0206, 23.6877

Rectangle

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



27.2549, 34.0206, 42.1759



30.2430, 34.0206, 54.0878



38.0114, 34.0206, 32.3438



34.5225, 34.0206, 24.0173

Sweetspot

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



27.2559, 34.0219, 42.1767



60.7869, 67.5757, 77.0641



23.0172, 32.3406, 19.2174



13.0942, 14.6488, 16.7894



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.



27.2559, 34.0219, 42.1767



46.6928, 60.3099, 76.4029



22.4859, 24.4817, 40.5876



7.7476, 8.5321, 9.6568



15.9112, 23.2832, 31.6289



0.3871, 0.5665, 0.7696

Inverse Universe

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



24.2190, 20.1337, 16.7985



40.3394, 31.2549, 23.3101



27.8021, 27.3001, 17.9923



7.5311, 7.5423, 7.8482



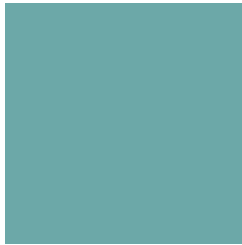
12.1947, 6.2866, 0.5708



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 27.2549, 34.0206, 42.1759 looks on a white background.

Color Contrast Check

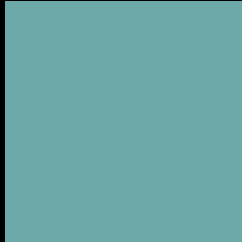
Large Text (above 18pt) WCAG AA × Fail

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 27.2549, 34.0206, 42.1759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

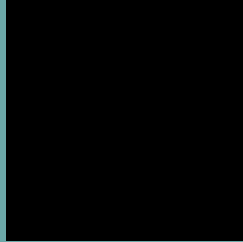
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2549, 34.0206, 42.1759

Background



This preview shows how black text looks on a background with the XYZ color 27.2549, 34.0206, 42.1759.

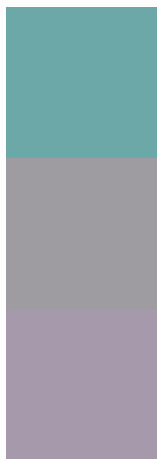


This preview shows how white text looks on a background with the XYZ color 27.2549, 34.0206,

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

27.2549, 34.0206, 42.1759

Protanopia

32.6196, 33.7211, 38.5078

Deuteranopia

34.4678, 33.8297, 43.2412



Tritanopia

28.4300, 33.9472, 48.2341

Trichromacy



Original Color

27.2549, 34.0206, 42.1759

Protanomaly

30.0869, 33.3974, 39.9826

Deuteranomaly

31.1596, 33.3757, 42.8301

Tritanomaly

28.0856, 34.0870, 46.1735

Monochromacy



Original Color

27.2549, 34.0206, 42.1759

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.1344, 31.6992, 36.5340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2549, 34.0206, 42.1759 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(108, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(108, 168, 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(108, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.2549, 34.0206, 42.1759 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(108, 168, 168) }
```


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

```
.border{ border-color:rgb(108, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(108, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2549, 34.0206, 42.1759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 168, 168) }
```

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

```
.background{ background-color: rgb(108,  
168, 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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