

Converting Colors

XYZ(27.3049, 31.4928, 37.0325)

Have a look what the booklet for
XYZ(27.3049, 31.4928, 37.0325)
contains.

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Color

**XYZ(27.3005, 31.5115,
36.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	809E9E
RGB	128, 158, 158
RGB Percent	50%, 62%, 62%
CMY	0.4980, 0.3804, 0.3804
CMYK	0.19, 0.00, 0.00, 0.38
HSL	180°, 13%, 56%
HSV	180°, 19%, 62%
XYZ	27.3005, 31.5115, 36.9912
YIQ	149.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

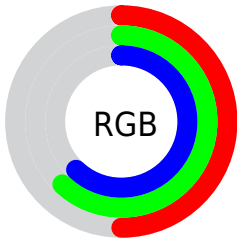
Format	Color
RYB	128, 143, 158
Decimal	8429214
CIELab	62.94, -10.35, -3.46
CIELCh	63, 10.909, 198.468
Yxy	31.5115, 0.2850, 0.3289
Android (android.graphics.Color)	4286619294 (0xFF809E9E)
YUV	149.0300, 4.4222, -18.4433
Hunter-Lab	56.1351, -11.4255, 0.2244

Details

The XYZ color **27.3005, 31.5115, 36.9912** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7171, 24.2669, 23.7519**, and the grayscale version is **28.5678, 30.0555, 32.7304**.

A 20% lighter version of the original color is **54.8605, 62.2164, 72.0683**, and **11.0534, 13.1966, 15.8745** is the 20% darker color. If you saturate the color by 10%, you get **25.1067, 30.3814, 36.8887**, and if you desaturate by 10%, it is **29.8662, 32.8350, 37.1124**.

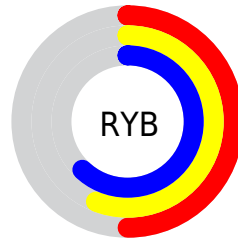
Distribution



Red (50%)

Green (62%)

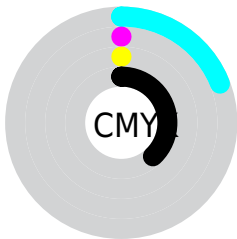
Blue (62%)



Red (50%)

Yellow (56%)

Blue (62%)

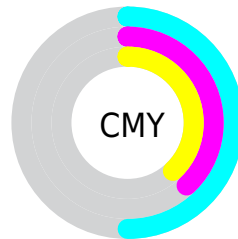


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3005, 31.5115, 36.9912 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 27.3005, 31.5115, 36.9912 by changing the saturation by 10% instead.

■ 27.3005, 31.5115,
36.9912

■ 27.3005, 31.5115,
36.9912

281.2502,
308.8879, 348.4400

■ 17.9368, 20.9887,
24.9049

■ 54.7822, 62.0445,
71.7454

■ 11.0040, 13.1157,
15.7879

■ 73.6309, 82.8234,
95.2505

■ 6.1369, 7.5083,
9.2214

■ 96.3719, 107.7898,
123.3989

■ 2.9699, 3.7820,
4.7871

123.3707,
137.3281, 156.6092

■ 1.1379, 1.5524,
2.0664

154.9926,
171.8227, 195.2999

■ 0.0565, 0.3252,
0.5956

191.6029,

■ 0.0000, 0.0000,

211.6579, 239.8895

0.0000

233.5670,
257.2182, 290.7967

■ 27.3005, 31.5115,
36.9912

■ 27.3005, 31.5115,
36.9912

■ 25.1067, 30.3814,
36.8887

■ 29.8662, 32.8350,
37.1124

■ 23.2651, 29.4320,
36.8021

■ 32.8171, 34.3562,
37.2510

■ 21.7580, 28.6551,
36.7311

■ 36.1691, 36.0842,
37.4083

■ 20.5655, 28.0403,
36.6748

■ 39.9364, 38.0263,
37.5851

■ 19.6652, 27.5763,
36.6322

■ 44.1326, 40.1895,
37.7820

■ 19.0321, 27.2499,
36.6021

■ 48.7706, 42.5805,
37.9995

■ 18.6368, 27.0461,
36.5831

■ 53.8627, 45.2056,
38.2383

■ 18.4183, 26.9335,
36.5724

■ 59.4210, 48.0710,
38.4989

■ 18.3983, 26.9232,
36.5714

■ 59.6399, 48.1838,
38.5096

Harmonies

Analogous

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



27.2158, 31.5115, 32.6876



27.3005, 31.5115, 36.9912



28.0809, 31.5115, 40.8650

Triad

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



27.3005, 31.5115, 36.9912



32.1595, 31.5115, 40.0770



30.5303, 31.5115, 26.8449

Complementary

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



27.3005, 31.5115, 36.9912



25.7171, 24.2669, 23.7519

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.



31.9017, 31.5115, 28.4976



27.3005, 31.5115, 36.9912



32.8630, 31.5115, 35.9866

Square

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



27.3005, 31.5115, 36.9912



30.8726, 31.5115, 42.7464



32.7672, 31.5115, 31.7629



29.0474, 31.5115, 27.0649

Rectangle

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



27.3005, 31.5115, 36.9912



28.9058, 31.5115, 42.5719



32.7672, 31.5115, 31.7629



31.0205, 31.5115, 27.1939

Sweetspot

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



27.3014, 31.5128, 36.9919



55.6998, 60.3810, 67.4619



25.1016, 30.6416, 25.0141



12.4870, 13.5765, 15.2059



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.3014, 31.5128, 36.9919



47.7178, 56.2661, 67.0869



24.9723, 26.8542, 36.2164



6.8219, 7.5095, 8.4965



14.7345, 21.5617, 29.2887



0.2635, 0.3855, 0.5237

Inverse Universe

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



25.7171, 24.2669, 23.7519



44.2743, 40.5167, 38.3091



27.7455, 28.3238, 24.4274



6.6331, 6.6462, 6.9190



11.2931, 5.8218, 0.5288



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 27.3005, 31.5115, 36.9912 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 27.3005, 31.5115, 36.9912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

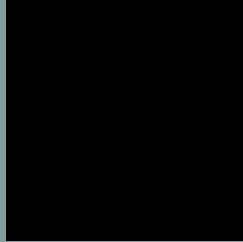
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3005, 31.5115, 36.9912

Background



This preview shows how black text looks on a background with the XYZ color 27.3005, 31.5115, 36.9912.

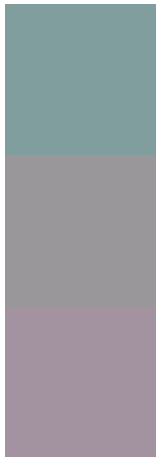


This preview shows how white text looks on a background with the XYZ color 27.3005, 31.5115,

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

27.3005, 31.5115, 36.9912

Protanopia

30.2258, 31.3363, 35.0273

Deuteranopia

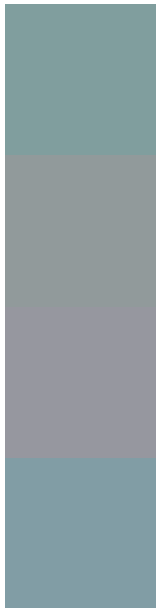
31.8831, 31.1920, 37.5979



Tritanopia

28.2558, 31.3873, 42.1052

Trichromacy



Original Color

27.3005, 31.5115, 36.9912

Protanomaly

29.1490, 31.4975, 35.5537

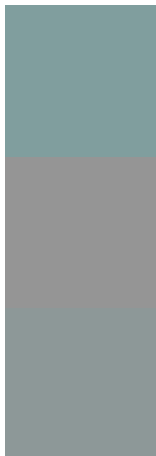
Deuteranomaly

29.9023, 31.1205, 37.2317

Tritanomaly

27.9018, 31.4977, 40.2064

Monochromacy



Original Color

27.3005, 31.5115, 36.9912

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8802, 30.3862, 34.1014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3005, 31.5115, 36.9912 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(128, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 158)  
}
```

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(128, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.3005, 31.5115, 36.9912 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(128, 158, 158) }
```


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

```
.border{ border-color:rgb(128, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(128, 158,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3005, 31.5115, 36.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 158) }
```

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

```
.background{ background-color: rgb(128,  
158, 158) }
```

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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