

Converting Colors

XYZ(27.4475, 30.7453, 36.3591)

Have a look what the booklet for
XYZ(27.4475, 30.7453, 36.3591)
contains.

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Color

**XYZ(27.4800, 30.8636,
36.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	859B9D
RGB	133, 155, 157
RGB Percent	52%, 61%, 62%
CMY	0.4784, 0.3921, 0.3843
CMYK	0.15, 0.01, 0.00, 0.38
HSL	185°, 11%, 57%
HSV	185°, 15%, 62%
XYZ	27.4800, 30.8636, 36.4072
YIQ	148.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

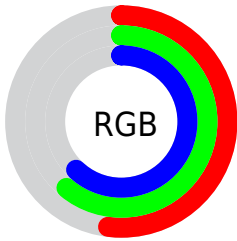
Format	Color
R_{YB}	133, 144, 157
Decimal	8756125
CIE _{Lab}	62.39, -7.28, -3.66
CIE _{LCh}	62, 8.145, 206.677
Yxy	30.8636, 0.2900, 0.3257
Android (android.graphics.Color)	4286946205 (0xFF859B9D)
YUV	148.6500, 4.1165, -13.7251
Hunter-Lab	55.5550, -8.9272, 0.0336

Details

The XYZ color **27.4800, 30.8636, 36.4072** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8024, 26.1893, 25.8332**, and the grayscale version is **28.4082, 29.8877, 32.5477**.

A 20% lighter version of the original color is **54.9338, 60.7935, 71.1264**, and **11.1191, 12.7802, 15.5165** is the 20% darker color. If you saturate the color by 10%, you get **24.9682, 29.2484, 36.2283**, and if you desaturate by 10%, it is **30.3665, 32.6771, 36.6056**.

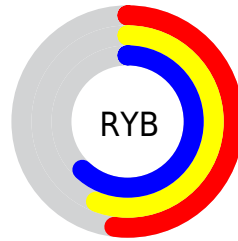
Distribution



Red (52%)

Green (61%)

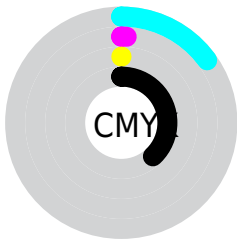
Blue (62%)



Red (52%)

Yellow (56%)

Blue (62%)

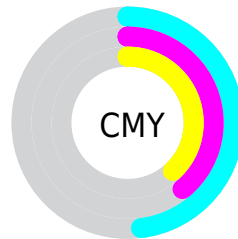


Cyan (15%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (48%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4800, 30.8636, 36.4072 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 27.4800, 30.8636, 36.4072 by changing the saturation by 10% instead.

■ 27.4800, 30.8636,
36.4072

■ 27.4800, 30.8636,
36.4072

282.0991,
305.9094, 345.8279

■ 18.0725, 20.4950,
24.4567

■ 55.0676, 61.0253,
70.8362

■ 11.1020, 12.7554,
15.4574

■ 73.9785, 81.5871,
94.1518

■ 6.2033, 7.2603,
8.9908

■ 96.7878, 106.3155,
122.0928

■ 3.0109, 3.6254,
4.6385

123.8609,
135.5948, 155.0777

■ 1.1595, 1.4663,
1.9818

155.5633,
169.8095, 193.5252

■ 0.0741, 0.2648,
0.5440

192.2602,

■ 0.0000, 0.0000,

209.3439, 237.8537

0.0000

234.3170,
254.5824, 288.4817

■ 27.4800, 30.8636,
36.4072

■ 27.4800, 30.8636,
36.4072

■ 24.9682, 29.2484,
36.2283

■ 30.3665, 32.6771,
36.6056

■ 22.8119, 27.8192,
36.0661

■ 33.6404, 34.6929,
36.8221

■ 20.9946, 26.5682,
35.9204

■ 37.3170, 36.9199,
37.0582

■ 19.4969, 25.4854,
35.7904

■ 41.4101, 39.3651,
37.3145

■ 18.2980, 24.5601,
35.6749

■ 45.9328, 42.0354,
37.5915

■ 17.3742, 23.7800,
35.5731

■ 50.8977, 44.9371,
37.8899

■ 16.6983, 23.1313,
35.4835

■ 56.3167, 48.0765,
38.2102

■ 16.2353, 22.5956,
35.4045

■ 60.8637, 50.7699,
38.4905

■ 16.0491, 22.3608,
35.3690

■ 61.1014, 51.2454,
38.5697

Harmonies

Analogous

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



27.2678, 30.8636, 33.2543



27.4800, 30.8636, 36.4072



28.1850, 30.8636, 38.9414

Triad

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



27.4800, 30.8636, 36.4072



31.1434, 30.8636, 37.0543



29.4580, 30.8636, 27.8978

Complementary

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



27.4800, 30.8636, 36.4072



26.8024, 26.1893, 25.8332

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.



30.5158, 30.8636, 28.7802



27.4800, 30.8636, 36.4072



31.5040, 30.8636, 33.9586

Square

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



27.4800, 30.8636, 36.4072



30.2976, 30.8636, 39.3312



31.2715, 30.8636, 30.9508



28.3928, 30.8636, 28.4638

Rectangle

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



27.4800, 30.8636, 36.4072



28.8488, 30.8636, 39.8703



31.2715, 30.8636, 30.9508



29.8265, 30.8636, 28.0334

Sweetspot

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



27.4809, 30.8649, 36.4079



54.4875, 58.5858, 65.5631



26.0754, 30.8390, 27.3529



11.9110, 12.8425, 14.4215



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.4809, 30.8649, 36.4079



47.7682, 54.3527, 65.1002



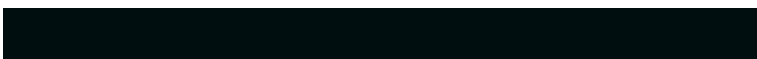
25.6418, 27.1866, 35.7948



6.7746, 7.4150, 8.4809



13.0476, 18.1868, 28.7300



0.2458, 0.3501, 0.5179

Inverse Universe

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



28.2092, 26.3103, 34.6035



49.3079, 44.7919, 61.2706



28.5104, 29.6053, 26.4025



6.8803, 6.7451, 8.2209



15.3840, 7.4582, 22.0712



0.2814, 0.1359, 0.4278

Previews

White Background



This preview shows how the XYZ color 27.4800, 30.8636, 36.4072 looks on a white background.

Color Contrast Check

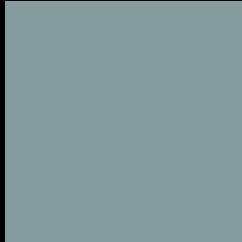
Large Text (above 18pt) WCAG AA × Fail

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 27.4800, 30.8636, 36.4072 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

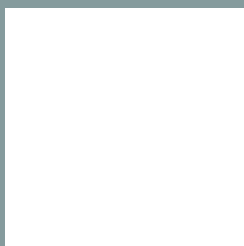
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4800, 30.8636, 36.4072

Background



This preview shows how black text looks on a background with the XYZ color 27.4800, 30.8636, 36.4072.



This preview shows how white text looks on a background with the XYZ color 27.4800, 30.8636,

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

27.4800, 30.8636, 36.4072

Protanopia

29.6880, 30.8212, 34.9562

Deuteranopia

31.2348, 30.6380, 37.0684



Tritanopia

28.4302, 31.0153, 40.5645

Trichromacy



Original Color

27.4800, 30.8636, 36.4072

Protanomaly

28.8217, 30.8428, 35.4445

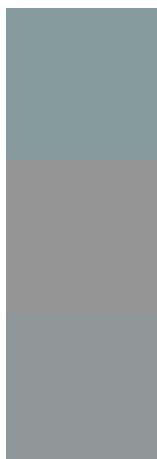
Deuteranomaly

29.6815, 30.5428, 36.6787

Tritanomaly

27.9980, 30.8239, 39.1243

Monochromacy



Original Color

27.4800, 30.8636, 36.4072

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0618, 30.2399, 34.0636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4800, 30.8636, 36.4072 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(133, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(133, 155, 157)  
}
```

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(133, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 155, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.4800, 30.8636, 36.4072 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(133, 155, 157) }
```


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

```
.border{ border-color:rgb(133, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(133, 155,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4800, 30.8636, 36.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 155, 157) }
```

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

```
.background{ background-color: rgb(133,  
155, 157) }
```

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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