

Converting Colors

XYZ(26.9999, 30.3538, 34.7931)

Have a look what the booklet for
XYZ(26.9999, 30.3538, 34.7931)
contains.

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Color

**XYZ(27.0612, 30.4308,
35.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	859A9A
RGB	133, 154, 154
RGB Percent	52%, 60%, 60%
CMY	0.4784, 0.3961, 0.3961
CMYK	0.14, 0.00, 0.00, 0.40
HSL	180°, 9%, 56%
HSV	180°, 14%, 60%
XYZ	27.0612, 30.4308, 35.0193
YIQ	147.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

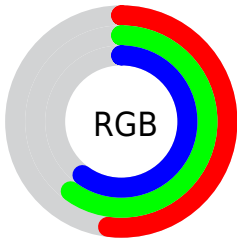
Format	Color
RYB	133, 144, 154
Decimal	8755866
CIELab	62.02, -7.38, -2.50
CIELCh	62, 7.792, 198.748
Yxy	30.4308, 0.2925, 0.3289
Android (android.graphics.Color)	4286945946 (0xFF859A9A)
YUV	147.7210, 3.0955, -12.9103
Hunter-Lab	55.1641, -8.9726, 0.9764

Details

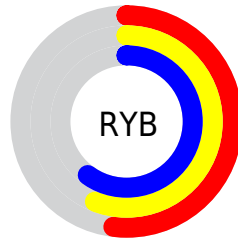
The XYZ color **27.0612, 30.4308, 35.0193** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9487, 25.3394, 25.7150**, and the grayscale version is **28.0241, 29.4835, 32.1075**.

A 20% lighter version of the original color is **54.1907, 60.1049, 68.4198**, and **10.8657, 12.5188, 14.6756** is the 20% darker color. If you saturate the color by 10%, you get **24.8060, 29.2690, 34.9137**, and if you desaturate by 10%, it is **29.6747, 31.7789, 35.1429**.

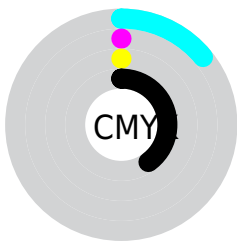
Distribution



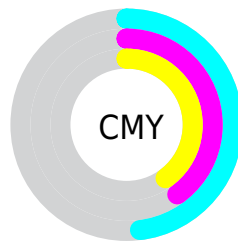
- Red (52%)
- Green (60%)
- Blue (60%)



- Red (52%)
- Yellow (56%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0612, 30.4308, 35.0193 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 27.0612, 30.4308, 35.0193 by changing the saturation by 10% instead.

■ 27.0612, 30.4308,
35.0193

■ 27.0612, 30.4308,
35.0193

280.1155,
303.9074, 339.5604

■ 17.7560, 20.1658,
23.3941

■ 54.4013, 60.3428,
68.6676

■ 10.8736, 12.5156,
14.6767

■ 73.1668, 80.7586,
91.5277

■ 6.0486, 7.0959,
8.4487

■ 95.8166, 105.3268,
118.9699

■ 2.9156, 3.5221,
4.2915

122.7159,
134.4318, 151.4126

■ 1.1093, 1.4100,
1.7866

154.2301,
168.4579, 189.2745

■ 0.0329, 0.2241,
0.4191

190.7245,

■ 0.0000, 0.0000,

207.7896, 232.9741

0.0000

232.5645,
252.8113, 282.9298

■ 27.0612, 30.4308,
35.0193

■ 27.0612, 30.4308,
35.0193

■ 24.8060, 29.2690,
34.9137

■ 29.6747, 31.7789,
35.1429

■ 22.8910, 28.2818,
34.8234

■ 32.6583, 33.3170,
35.2832

■ 21.3005, 27.4619,
34.7483

■ 36.0266, 35.0534,
35.4415

■ 20.0164, 26.8000,
34.6876

■ 39.7927, 36.9949,
35.6185

■ 19.0192, 26.2859,
34.6402

■ 43.9689, 39.1478,
35.8146

■ 18.2867, 25.9083,
34.6053

■ 48.5670, 41.5182,
36.0304

■ 17.7939, 25.6542,
34.5815

■ 53.5986, 44.1120,
36.2666

■ 17.5106, 25.5082,
34.5676

■ 58.6300, 46.7058,
36.5027

■ 17.3878, 25.4449,
34.5614

■ 58.6301, 46.7059,
36.5034

Harmonies

Analogous

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



26.9962, 30.4308, 32.0231



27.0612, 30.4308, 35.0193



27.6180, 30.4308, 37.6542

Triad

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



27.0612, 30.4308, 35.0193



30.4616, 30.4308, 37.0774



29.3176, 30.4308, 27.8015

Complementary

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



27.0612, 30.4308, 35.0193



25.9487, 25.3394, 25.7150

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.



30.2696, 30.4308, 28.9908



27.0612, 30.4308, 35.0193



30.9406, 30.4308, 34.2702

Square

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



27.0612, 30.4308, 35.0193



29.5746, 30.4308, 38.8909



30.8695, 30.4308, 31.3175



28.2822, 30.4308, 27.9752

Rectangle

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



27.0612, 30.4308, 35.0193



28.2009, 30.4308, 38.7953



30.8695, 30.4308, 31.3175



29.6584, 30.4308, 28.0521

Sweetspot

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



27.0621, 30.4321, 35.0200



53.6796, 57.6107, 63.8265



25.5184, 29.8210, 26.6019



12.0687, 12.9979, 14.4430



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.



27.0621, 30.4321, 35.0200



47.9960, 54.6807, 63.5591



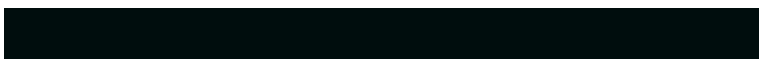
25.4570, 27.2217, 34.4858



6.3846, 7.0266, 7.9486



14.1657, 20.7297, 28.1569



0.2118, 0.3099, 0.4210

Inverse Universe

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



25.9487, 25.3394, 25.7150



45.6193, 43.8100, 43.6969



27.4061, 28.2545, 26.2001



6.2088, 6.2227, 6.4798



10.8575, 5.5972, 0.5085



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 27.0612, 30.4308, 35.0193 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 27.0612, 30.4308, 35.0193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

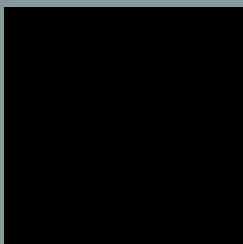
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

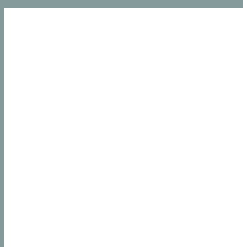
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0612, 30.4308, 35.0193

Background



This preview shows how black text looks on a background with the XYZ color 27.0612, 30.4308, 35.0193.

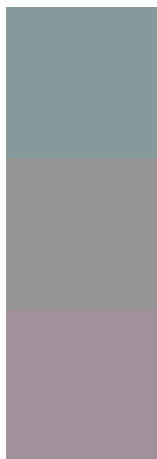


This preview shows how white text looks on a background with the XYZ color 27.0612, 30.4308,

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

27.0612, 30.4308, 35.0193

Protanopia

29.2823, 30.4047, 33.6035

Deuteranopia

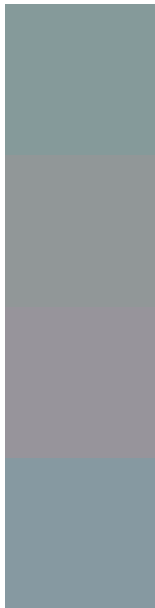
30.8241, 30.2282, 35.6625



Tritanopia

28.0114, 30.3240, 39.9741

Trichromacy



Original Color

27.0612, 30.4308, 35.0193

Protanomaly

28.4112, 30.4200, 34.0800

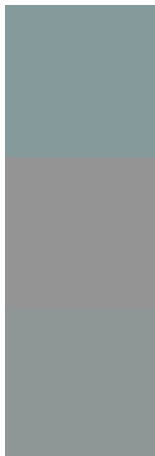
Deuteranomaly

29.2688, 30.1257, 35.2826

Tritanomaly

27.6558, 30.4240, 38.1330

Monochromacy



Original Color

27.0612, 30.4308, 35.0193

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7391, 29.8543, 33.1546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0612, 30.4308, 35.0193 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, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 154, 154)  
}
```

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, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.0612, 30.4308, 35.0193 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, 154, 154) }
```


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

```
.border{ border-color:rgb(133, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(133, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0612, 30.4308, 35.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 154, 154) }
```

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

```
.background{ background-color: rgb(133,  
154, 154) }
```

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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