

Converting Colors

XYZ(27.5476, 31.1948, 34.2751)

Have a look what the booklet for
XYZ(27.5476, 31.1948, 34.2751)
contains.

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Color

**XYZ(27.5476, 31.1948,
34.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	879C98
RGB	135, 156, 152
RGB Percent	53%, 61%, 60%
CMY	0.4706, 0.3882, 0.4039
CMYK	0.13, 0.00, 0.03, 0.39
HSL	169°, 10%, 57%
HSV	169°, 13%, 61%
XYZ	27.5476, 31.1948, 34.2751
YIQ	149.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

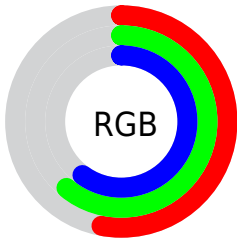
Format	Color
RYB	135, 147, 156
Decimal	8887448
CIELab	62.67, -8.21, -0.41
CIElCh	63, 8.221, 182.862
Yxy	31.1948, 0.2962, 0.3354
Android (android.graphics.Color)	4287077528 (0xFF879C98)
YUV	149.2650, 1.3484, -12.5104
Hunter-Lab	55.8523, -9.7014, 2.7119

Details

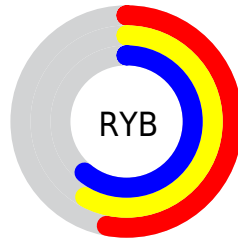
The XYZ color **27.5476, 31.1948, 34.2751** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0355, 26.2607, 28.0712**, and the grayscale version is **28.6772, 30.1706, 32.8558**.

A 20% lighter version of the original color is **54.9262, 61.2408, 67.3183**, and **11.1469, 12.9740, 14.2287** is the 20% darker color. If you saturate the color by 10%, you get **24.9790, 29.8993, 32.9003**, and if you desaturate by 10%, it is **30.4919, 32.6850, 35.7006**.

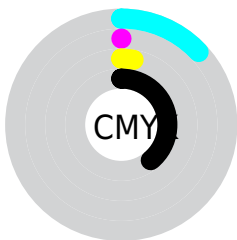
Distribution



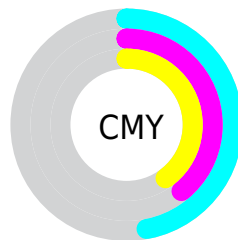
- Red (53%)
- Green (61%)
- Blue (60%)



- Red (53%)
- Yellow (58%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5476, 31.1948, 34.2751 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 27.5476, 31.1948, 34.2751 by changing the saturation by 10% instead.

■ 27.5476, 31.1948,
34.2751

■ 27.5476, 31.1948,
34.2751

282.4183,
307.4348, 336.1635

■ 18.1236, 20.7472,
22.8259

■ 55.1751, 61.5466,
67.5000

■ 11.1390, 12.9394,
14.2610

■ 74.1092, 82.2197,
90.1129

■ 6.2284, 7.3868,
8.1616

■ 96.9442, 107.0700,
117.2840

■ 3.0264, 3.7052,
4.1093

124.0453,
136.4820, 149.4321

■ 1.1678, 1.5100,
1.6855

155.7779,
170.8401, 186.9755

■ 0.0807, 0.2958,
0.3507

192.5074,

■ 0.0000, 0.0000,

210.5287, 230.3328

0.0000

234.5990,
255.9321, 279.9227

■ 27.5476, 31.1948,
34.2751

■ 27.5476, 31.1948,
34.2751

■ 24.9790, 29.8993,
32.9003

■ 30.4919, 32.6850,
35.7006

■ 22.7675, 28.7863,
31.5732

■ 33.8242, 34.3737,
37.1758

■ 20.8967, 27.8482,
30.2934

■ 37.5597, 36.2695,
38.7021

■ 19.3482, 27.0757,
29.0599

■ 41.7116, 38.3792,
40.2805

■ 18.1016, 26.4580,
27.8715

■ 46.2930, 40.7097,
41.9117

■ 17.1341, 25.9836,
26.7268

■ 51.3160, 43.2670,
43.5966

■ 16.4197, 25.6390,
25.6244

■ 56.7924, 46.0574,
45.3358

■ 15.9274, 25.4082,
24.5626

■ 60.9441, 48.1641,
47.0465

■ 15.6728, 25.2916,
23.8878

■ 61.2411, 48.2829,
48.6104

Harmonies

Analogous

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



27.7717, 31.1948, 31.2258



27.5476, 31.1948, 34.2751



27.8749, 31.1948, 37.4285

Triad

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



27.5476, 31.1948, 34.2751



30.8353, 31.1948, 39.4223



30.6443, 31.1948, 28.7607

Complementary

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



27.5476, 31.1948, 34.2751



27.0355, 26.2607, 28.0712

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.



31.4983, 31.1948, 30.7236



27.5476, 31.1948, 34.2751



31.6105, 31.1948, 36.8617

Square

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



27.5476, 31.1948, 34.2751



29.7575, 31.1948, 40.5153



31.8562, 31.1948, 33.6584



29.5422, 31.1948, 28.1632

Rectangle

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



27.5476, 31.1948, 34.2751



28.3667, 31.1948, 39.1311



31.8562, 31.1948, 33.6584



30.9709, 31.1948, 29.2764

Sweetspot

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



27.5485, 31.1961, 34.2758



55.0297, 59.1854, 64.6774



26.9434, 31.0337, 27.4921



12.0208, 12.9788, 14.1907



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.



27.5485, 31.1961, 34.2758



48.6337, 55.9512, 61.5297



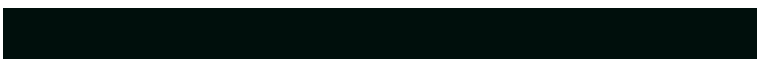
26.8519, 29.2693, 35.6883



6.7676, 7.4878, 8.2108



12.9209, 20.8363, 19.7385



0.2438, 0.3777, 0.4203

Inverse Universe

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



27.0355, 26.2607, 28.0712



47.5266, 45.2969, 48.1369



27.6537, 27.9564, 26.8607



6.6821, 6.6658, 7.1773



11.4934, 5.9019, 1.5832



0.2179, 0.1105, 0.0936

Previews

White Background



This preview shows how the XYZ color 27.5476, 31.1948, 34.2751 looks on a white background.

Color Contrast Check

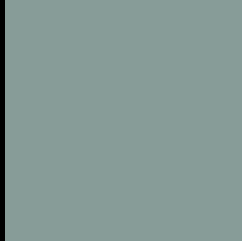
Large Text (above 18pt) WCAG AA × Fail

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 27.5476, 31.1948, 34.2751 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

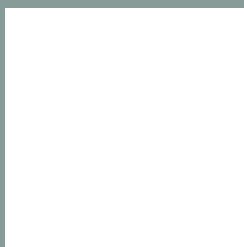
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5476, 31.1948, 34.2751

Background



This preview shows how black text looks on a background with the XYZ color 27.5476, 31.1948, 34.2751.

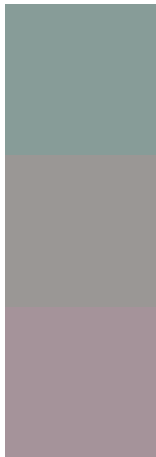


This preview shows how white text looks on a background with the XYZ color 27.5476, 31.1948,

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

27.5476, 31.1948, 34.2751

Protanopia

29.8179, 31.1732, 32.8792

Deuteranopia

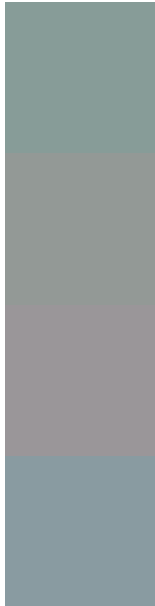
31.7835, 31.1999, 34.9189



Tritanopia

28.9198, 31.2676, 40.5874

Trichromacy



Original Color

27.5476, 31.1948, 34.2751

Protanomaly

28.9289, 31.1875, 33.3492

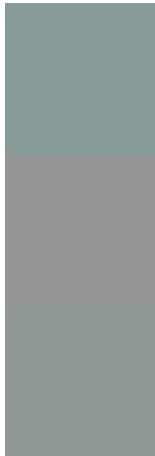
Deuteranomaly

29.9825, 30.9826, 34.5370

Tritanomaly

28.4709, 31.3343, 38.2658

Monochromacy



Original Color

27.5476, 31.1948, 34.2751

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2349, 30.5878, 33.2701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5476, 31.1948, 34.2751 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(135, 156, 152)` looks like.

```
.text, #text, p{  
    color:rgb(135, 156, 152)  
}
```

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(135, 156, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 156, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.5476, 31.1948, 34.2751 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(135, 156, 152) }
```


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

```
.border{ border-color:rgb(135, 156, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 156, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 156, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 156, 152);  
box-shadow:4px 4px 4px 4px rgb(135, 156,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5476, 31.1948, 34.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 156, 152) }
```

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

```
.background{ background-color: rgb(135,  
156, 152) }
```

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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