

Converting Colors

XYZ(27.6410, 31.2432, 35.7911)

Have a look what the booklet for
XYZ(27.6410, 31.2432, 35.7911)
contains.

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Color

**XYZ(27.6364, 31.2118,
35.5782)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 869C9B |
| RGB | 134, 156, 155 |
| RGB Percent | 53%, 61%, 61% |
| CMY | 0.4745, 0.3882, 0.3922 |
| CMYK | 0.14, 0.00, 0.01, 0.39 |
| HSL | 177°, 10%, 57% |
| HSV | 177°, 14%, 61% |
| XYZ | 27.6364, 31.2118, 35.5782 |
| YIQ | 149.3080, -12.7910, -4.9750 |

Conversions

Conversions Part 2

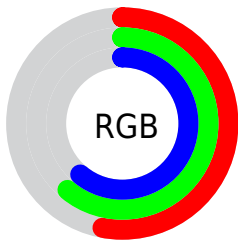
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 134, 145, 156 |
| Decimal | 8821915 |
| CIELab | 62.69, -7.92, -2.09 |
| CIElCh | 63, 8.188, 194.777 |
| Yxy | 31.2118, 0.2927, 0.3305 |
| Android (android.graphics.Color) | 4287011995 (0xFF869C9B) |
| YUV | 149.3080, 2.8062, -13.4251 |
| Hunter-Lab | 55.8675, -9.4682, 1.3495 |

Details

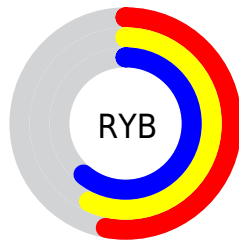
The XYZ color **27.6364, 31.2118, 35.5782** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6097, 25.8683, 26.5137**, and the grayscale version is **28.6899, 30.1840, 32.8704**.

A 20% lighter version of the original color is **55.0487, 61.2614, 69.2449**, and **11.2064, 12.9874, 15.0129** is the 20% darker color. If you saturate the color by 10%, you get **25.2718, 30.0005, 35.1575**, and if you desaturate by 10%, it is **30.3699, 32.6149, 36.0193**.

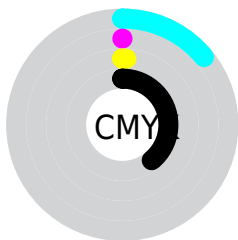
Distribution



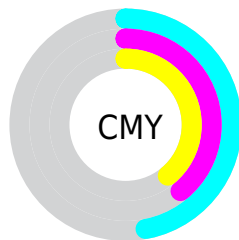
- Red (53%)
- Green (61%)
- Blue (61%)



- Red (53%)
- Yellow (57%)
- Blue (61%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6364, 31.2118, 35.5782 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 27.6364, 31.2118, 35.5782 by changing the saturation by 10% instead.

■ 27.6364, 31.2118,
35.5782

■ 27.6364, 31.2118,
35.5782

282.8371,
307.5129, 342.0946

■ 18.1908, 20.7602,
23.8215

■ 55.3161, 61.5734,
69.5422

■ 11.1876, 12.9488,
14.9903

■ 74.2810, 82.2521,
92.5866

■ 6.2614, 7.3933,
8.6660

■ 97.1496, 107.1087,
120.2307

■ 3.0468, 3.7093,
4.4302

124.2874,
136.5275, 152.8929

■ 1.1786, 1.5123,
1.8642

156.0597,
170.8929, 190.9919

■ 0.0893, 0.2974,
0.4698

192.8318,

■ 0.0000, 0.0000,

210.5894, 234.9462

0.0000

234.9692,
256.0012, 285.1742

■ 27.6364, 31.2118,
35.5782

■ 27.6364, 31.2118,
35.5782

■ 25.2718, 30.0005,
35.1575

■ 30.3699, 32.6149,
36.0193

■ 23.2575, 28.9690,
34.7544

■ 33.4848, 34.2137,
36.4794

■ 21.5772, 28.1095,
34.3688

■ 36.9960, 36.0168,
36.9599

■ 20.2123, 27.4126,
33.9998

■ 40.9171, 38.0312,
37.4614

■ 19.1423, 26.8677,
33.6463

■ 45.2608, 40.2633,
37.9845

■ 18.3443, 26.4630,
33.3075

■ 50.0394, 42.7197,
38.5299

■ 17.7922, 26.1850,
32.9819

■ 55.2646, 45.4062,
39.0979

■ 17.4543, 26.0174,
32.6682

■ 59.5344, 47.6002,
39.6232

■ 17.3056, 25.9447,
32.4864

■ 59.5971, 47.6253,
39.9534

Harmonies

Analogous

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



27.6405, 31.2118, 32.3941



27.6364, 31.2118, 35.5782



28.1666, 31.2118, 38.5056

Triad

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



27.6364, 31.2118, 35.5782



31.2052, 31.2118, 38.5423



30.2336, 31.2118, 28.3857

Complementary

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



27.6364, 31.2118, 35.5782



26.6097, 25.8683, 26.5137

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.



31.2174, 31.2118, 29.8317



27.6364, 31.2118, 35.5782



31.7878, 31.2118, 35.6258

Square

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



27.6364, 31.2118, 35.5782



30.2173, 31.2118, 40.2885



31.7924, 31.2118, 32.4388



29.1212, 31.2118, 28.3747

Rectangle

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



27.6364, 31.2118, 35.5782



28.7596, 31.2118, 39.8608



31.7924, 31.2118, 32.4388



30.5910, 31.2118, 28.7158

Sweetspot

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



27.6373, 31.2131, 35.5789



55.1708, 59.2419, 65.4203



26.2003, 30.6587, 27.0917



12.0573, 12.9933, 14.3825



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.



27.6373, 31.2131, 35.5789



48.7343, 55.9404, 64.3674



26.1275, 28.0583, 35.4927



6.8088, 7.5043, 8.4277



14.2574, 21.3709, 26.7763



0.2585, 0.3836, 0.4977

Inverse Universe

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



26.6097, 25.8683, 26.5137



46.4905, 44.2690, 44.5724



27.9726, 28.7065, 26.6215



6.6447, 6.6508, 6.9801



11.3287, 5.8361, 0.7162



0.2057, 0.1056, 0.0296

Previews

White Background



This preview shows how the XYZ color 27.6364, 31.2118, 35.5782 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 27.6364, 31.2118, 35.5782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

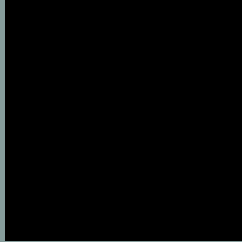
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

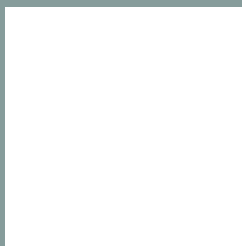
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6364, 31.2118, 35.5782

Background



This preview shows how black text looks on a background with the XYZ color 27.6364, 31.2118, 35.5782.



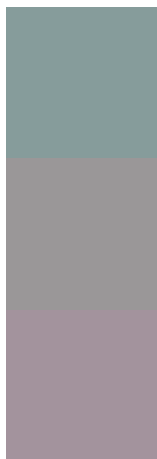
This preview shows how white text looks on a background with the XYZ color 27.6364, 31.2118,

35.5782.

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

27.6364, 31.2118, 35.5782

Protanopia

30.0605, 31.2702, 34.1572

Deuteranopia

31.6238, 31.0883, 36.2322



Tritanopia

28.6840, 31.1355, 41.0572

Trichromacy



Original Color

27.6364, 31.2118, 35.5782

Protanomaly

29.1736, 31.2854, 34.6381

Deuteranomaly

29.8560, 30.8884, 35.8410

Tritanomaly

28.3239, 31.2379, 39.1870

Monochromacy



Original Color

27.6364, 31.2118, 35.5782

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3157, 30.6201, 33.6960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6364, 31.2118, 35.5782 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(134, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 156, 155)  
}
```

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(134, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.6364, 31.2118, 35.5782 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(134, 156, 155) }
```


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

```
.border{ border-color:rgb(134, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6364, 31.2118, 35.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 156, 155) }
```

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

```
.background{ background-color: rgb(134,  
156, 155) }
```

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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