

Converting Colors

XYZ(27.7196, 31.5999, 36.8666)

Have a look what the booklet for
XYZ(27.7196, 31.5999, 36.8666)
contains.

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Color

**XYZ(27.5886, 31.4079,
36.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	839D9E
RGB	131, 157, 158
RGB Percent	51%, 62%, 62%
CMY	0.4863, 0.3843, 0.3804
CMYK	0.17, 0.01, 0.00, 0.38
HSL	182°, 12%, 57%
HSV	182°, 17%, 62%
XYZ	27.5886, 31.4079, 36.9560
YIQ	149.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

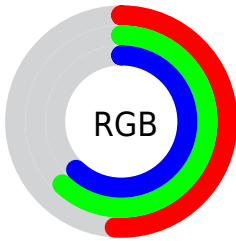
Format	Color
RYB	131, 144, 158
Decimal	8625566
CIELab	62.85, -8.82, -3.56
CIElCh	63, 9.509, 201.990
Yxy	31.4079, 0.2875, 0.3273
Android (android.graphics.Color)	4286815646 (0xFF839D9E)
YUV	149.3400, 4.2694, -16.0842
Hunter-Lab	56.0428, -10.2032, 0.1326

Details

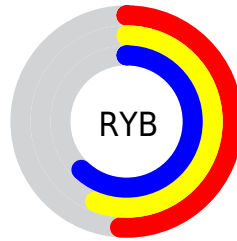
The XYZ color **27.5886, 31.4079, 36.9560** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.4487, 25.4102, 24.9839**, and the grayscale version is **28.6983, 30.1929, 32.8801**.

A 20% lighter version of the original color is **55.3209, 62.0814, 72.0180**, and **11.2012, 13.1189, 15.8518** is the 20% darker color. If you saturate the color by 10%, you get **25.2274, 30.0452, 36.8179**, and if you desaturate by 10%, it is **30.3253, 32.9665, 37.1131**.

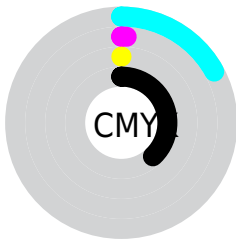
Distribution



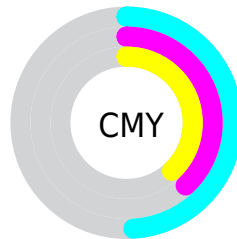
- Red (51%)
- Green (62%)
- Blue (62%)



- Red (51%)
- Yellow (56%)
- Blue (62%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5886, 31.4079, 36.9560 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 27.5886, 31.4079, 36.9560 by changing the saturation by 10% instead.

■ 27.5886, 31.4079,
36.9560

■ 27.5886, 31.4079,
36.9560

282.6117,
308.4131, 348.2829

■ 18.1546, 20.9097,
24.8779

■ 55.2402, 61.8817,
71.6907

■ 11.1614, 13.0580,
15.7679

■ 74.1885, 82.6260,
95.1843

■ 6.2436, 7.4685,
9.2075

■ 97.0391, 107.5545,
123.3203

■ 3.0358, 3.7568,
4.7781

124.1571,
137.0516, 156.5170

■ 1.1727, 1.5385,
2.0612

155.9080,
171.5016, 195.1931

■ 0.0847, 0.3156,
0.5925

192.6572,

■ 0.0000, 0.0000,

211.2889, 239.7671

0.0000

234.7700,
256.7979, 290.6575

■ 27.5886, 31.4079,
36.9560

■ 27.5886, 31.4079,
36.9560

■ 25.2274, 30.0452,
36.8179

■ 30.3253, 32.9665,
37.1131

■ 23.2221, 28.8659,
36.6960

■ 33.4505, 34.7253,
37.2879

■ 21.5556, 27.8618,
36.5900

■ 36.9801, 36.6933,
37.4817

■ 20.2079, 27.0229,
36.4991

■ 40.9281, 38.8776,
37.6952

■ 19.1574, 26.3379,
36.4223

■ 45.3079, 41.2853,
37.9291

■ 18.3796, 25.7941,
36.3583

■ 50.1324, 43.9229,
38.1840

■ 17.8460, 25.3769,
36.3059

■ 55.4138, 46.7968,
38.4603

■ 17.5116, 25.0631,
36.2630

■ 60.2746, 49.4545,
38.7171

■ 17.4264, 24.9781,
36.2510

■ 60.3774, 49.6602,
38.7514

Harmonies

Analogous

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



27.4391, 31.4079, 33.2077



27.5886, 31.4079, 36.9560



28.3357, 31.4079, 40.1694

Triad

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



27.5886, 31.4079, 36.9560



31.8704, 31.4079, 38.8100



30.2028, 31.4079, 27.5725

Complementary

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



27.5886, 31.4079, 36.9560



26.4487, 25.4102, 24.9839

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.



31.4220, 31.4079, 28.8496



27.5886, 31.4079, 36.9560



32.4029, 31.4079, 35.2076

Square

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



27.5886, 31.4079, 36.9560



30.8004, 31.4079, 41.2929



32.2365, 31.4079, 31.5805



28.9238, 31.4079, 27.9660

Rectangle

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



27.5886, 31.4079, 36.9560



29.0842, 31.4079, 41.4865



32.2365, 31.4079, 31.5805



30.6337, 31.4079, 27.8172

Sweetspot

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



27.5895, 31.4092, 36.9567



56.1423, 60.4724, 67.4568



25.7455, 30.9427, 26.4101



12.5761, 13.5876, 15.2035



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.



27.5895, 31.4092, 36.9567



48.1663, 55.9254, 66.9995



25.4449, 27.1200, 36.2418



6.8008, 7.4674, 8.4896



13.9631, 20.0177, 29.0351



0.2555, 0.3696, 0.5211

Inverse Universe

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



28.3034, 25.9366, 35.4144



49.7479, 43.8623, 63.5686



28.3844, 29.2816, 25.6291



6.8936, 6.7503, 8.2906



15.8461, 7.6430, 24.5044



0.2863, 0.1378, 0.4536

Previews

White Background



This preview shows how the XYZ color 27.5886, 31.4079, 36.9560 looks on a white background.

Color Contrast Check

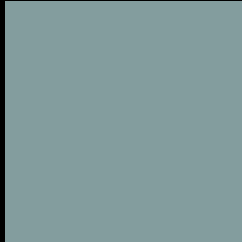
Large Text (above 18pt) WCAG AA × Fail

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 27.5886, 31.4079, 36.9560 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

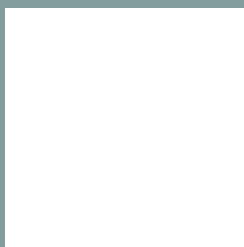
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5886, 31.4079, 36.9560

Background



This preview shows how black text looks on a background with the XYZ color 27.5886, 31.4079, 36.9560.

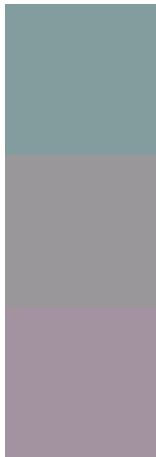


This preview shows how white text looks on a background with the XYZ color 27.5886, 31.4079,

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

27.5886, 31.4079, 36.9560

Protanopia

30.2258, 31.3363, 35.0273

Deuteranopia

31.8831, 31.1920, 37.5979



Tritanopia

28.4621, 31.2564, 41.5788

Trichromacy



Original Color

27.5886, 31.4079, 36.9560

Protanomaly

29.1617, 31.2600, 35.5071

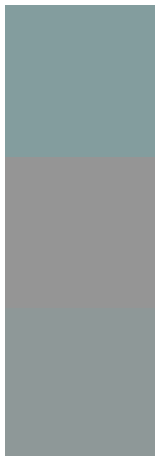
Deuteranomaly

30.0871, 31.2157, 37.2404

Tritanomaly

28.1050, 31.3628, 39.6943

Monochromacy



Original Color

27.5886, 31.4079, 36.9560

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0511, 30.4743, 34.1094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5886, 31.4079, 36.9560 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(131, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(131, 157, 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(131, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 157, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.5886, 31.4079, 36.9560 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(131, 157, 158) }
```


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

```
.border{ border-color:rgb(131, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(131, 157,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5886, 31.4079, 36.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 157, 158) }
```

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

```
.background{ background-color: rgb(131,  
157, 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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