

Converting Colors

XYZ(27.0499, 31.9794, 33.1823)

Have a look what the booklet for
XYZ(27.0499, 31.9794, 33.1823)
contains.

XYZ(27.0489, 31.9787, 33.1806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.0489, 31.9787,
33.1806)**

Conversions

Conversions Part 1

Format	Color
Hex	81A095
RGB	129, 160, 149
RGB Percent	51%, 63%, 58%
CMY	0.4941, 0.3725, 0.4157
CMYK	0.19, 0.00, 0.07, 0.37
HSL	159°, 14%, 57%
HSV	159°, 19%, 63%
XYZ	27.0489, 31.9787, 33.1806
YIQ	149.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

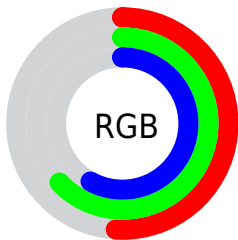
Format	Color
RYB	129, 148, 160
Decimal	8495253
CIELab	63.33, -13.04, 2.18
CIElCh	63, 13.218, 170.506
Yxy	31.9787, 0.2933, 0.3468
Android (android.graphics.Color)	4286685333 (0xFF81A095)
YUV	149.4770, -0.2352, -17.9583
Hunter-Lab	56.5497, -13.5817, 4.7963

Details

The XYZ color **27.0489, 31.9787, 33.1806** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.0823, 25.0684, 28.2237**, and the grayscale version is **28.7743, 30.2728, 32.9671**.

A 20% lighter version of the original color is **54.3713, 62.8578, 65.7670**, and **10.7916, 13.2692, 13.5477** is the 20% darker color. If you saturate the color by 10%, you get **24.3640, 30.6466, 30.7462**, and if you desaturate by 10%, it is **30.1383, 33.5185, 35.7507**.

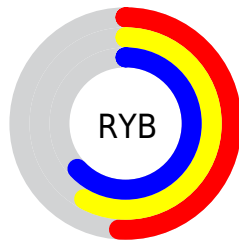
Distribution



Red (51%)

Green (63%)

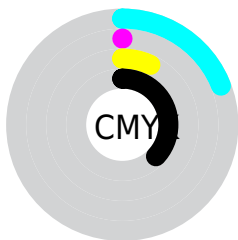
Blue (58%)



Red (51%)

Yellow (58%)

Blue (63%)

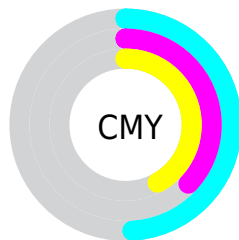


Cyan (19%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0489, 31.9787, 33.1806 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 27.0489, 31.9787, 33.1806 by changing the saturation by 10% instead.

■ 27.0489, 31.9787,
33.1806

■ 27.0489, 31.9787,
33.1806

280.0570,
311.0222, 331.1197

■ 17.7467, 21.3452,
21.9926

■ 54.3817, 62.7777,
65.7766

■ 10.8669, 13.3766,
13.6532

■ 73.1430, 83.7120,
88.0218

■ 6.0440, 7.6884,
7.7439

■ 95.7880, 108.8487,
114.7896

■ 2.9128, 3.8962,
3.8461

122.6822,
138.5723, 146.4988

■ 1.1078, 1.6157,
1.5413

154.1908,
173.2670, 183.5679

■ 0.0316, 0.3681,
0.2484

190.6793,

■ 0.0000, 0.0000,

213.3173, 226.4154

0.0000

232.5129,
259.1076, 275.4598

■ 27.0489, 31.9787,
33.1806

■ 27.0489, 31.9787,
33.1806

■ 24.3640, 30.6466,
30.7462

■ 30.1383, 33.5185,
35.7507

■ 22.0630, 29.5089,
28.4429

■ 33.6463, 35.2707,
38.4567

■ 20.1273, 28.5572,
26.2688

■ 37.5897, 37.2447,
41.3016

■ 18.5359, 27.7804,
24.2213

■ 41.9835, 39.4483,
44.2878

■ 17.2653, 27.1667,
22.2974

■ 46.8419, 41.8886,
47.4172

■ 16.2891, 26.7024,
20.4943

■ 52.1786, 44.5728,
50.6921

■ 15.5765, 26.3716,
18.8085

■ 58.0066, 47.5076,
54.1146

■ 15.0610, 26.1401,
17.2352

■ 63.5972, 50.3172,
57.6518

■ 15.0306, 26.1265,
17.1405

■ 64.2492, 50.5780,
61.0853

Harmonies

Analogous

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



27.7549, 31.9787, 28.7852



27.0489, 31.9787, 33.1806



27.2112, 31.9787, 38.4770

Triad

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



27.0489, 31.9787, 33.1806



31.6464, 31.9787, 45.1570



32.6923, 31.9787, 27.5953

Complementary

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



27.0489, 31.9787, 33.1806



27.0823, 25.0684, 28.2237

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.



33.8175, 31.9787, 31.4012



27.0489, 31.9787, 33.1806



33.1970, 31.9787, 41.6428

Square

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



27.0489, 31.9787, 33.1806



29.8171, 31.9787, 45.7559



34.0058, 31.9787, 36.5112



30.9799, 31.9787, 25.7811

Rectangle

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



27.0489, 31.9787, 33.1806



27.7926, 31.9787, 41.7969



34.0058, 31.9787, 36.5112



33.1546, 31.9787, 28.6651

Sweetspot

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



27.0498, 31.9800, 33.1813



56.7113, 61.8510, 66.4842



27.4114, 32.3354, 25.5660



12.3563, 13.5242, 14.5173



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.



27.0498, 31.9800, 33.1813



47.0423, 57.0350, 58.4173



27.2656, 30.9387, 37.7940



6.7218, 7.4695, 7.9696



11.7295, 20.3598, 13.4646



0.2292, 0.3718, 0.3431

Inverse Universe

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



27.0823, 25.0684, 28.2237



47.1123, 42.2794, 47.8366



26.8665, 25.8710, 24.3470



6.7254, 6.6831, 7.4053



11.8836, 6.0580, 3.6379



0.2317, 0.1160, 0.1661

Previews

White Background



This preview shows how the XYZ color 27.0489, 31.9787, 33.1806 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 27.0489, 31.9787, 33.1806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

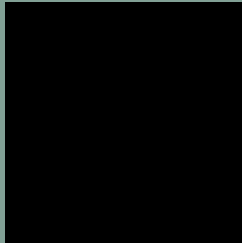
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.0489, 31.9787, 33.1806

Background



This preview shows how black text looks on a background with the XYZ color 27.0489, 31.9787, 33.1806.

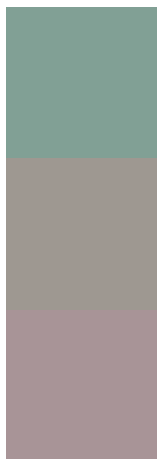


This preview shows how white text looks on a background with the XYZ color 27.0489, 31.9787,

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

27.0489, 31.9787, 33.1806

Protanopia

30.4396, 31.7699, 31.3159

Deuteranopia

32.3243, 31.7390, 33.7007



Tritanopia

28.8913, 31.9651, 42.1833

Trichromacy



Original Color

27.0489, 31.9787, 33.1806

Protanomaly

28.9423, 31.7211, 31.7915

Deuteranomaly

30.0597, 31.5285, 33.3555

Tritanomaly

28.2642, 31.9679, 38.8632

Monochromacy



Original Color

27.0489, 31.9787, 33.1806

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9714, 30.7032, 32.8858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0489, 31.9787, 33.1806 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(129, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(129, 160, 149)  
}
```

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(129, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 160, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.0489, 31.9787, 33.1806 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(129, 160, 149) }
```


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

```
.border{ border-color:rgb(129, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(129, 160,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0489, 31.9787, 33.1806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 160, 149) }
```

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

```
.background{ background-color: rgb(129,  
160, 149) }
```

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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