

Converting Colors

XYZ(31.2186, 34.5081, 27.9370)

Have a look what the booklet for
XYZ(31.2186, 34.5081, 27.9370)
contains.

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Color

**XYZ(31.2186, 34.5081,
27.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA187
RGB	158, 161, 135
RGB Percent	62%, 63%, 53%
CMY	0.3804, 0.3686, 0.4706
CMYK	0.02, 0.00, 0.16, 0.37
HSL	67°, 12%, 58%
HSV	67°, 16%, 63%
XYZ	31.2186, 34.5081, 27.9370
YIQ	157.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

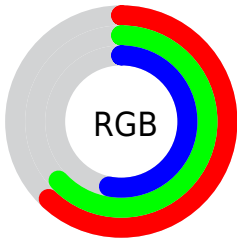
Format	Color
RYB	135, 161, 138
Decimal	10396039
CIELab	65.36, -5.73, 13.19
CIElCh	65, 14.384, 113.457
Yxy	34.5081, 0.3333, 0.3684
Android (android.graphics.Color)	4288586119 (0xFF9EA187)
YUV	157.1390, -10.9145, 0.7551
Hunter-Lab	58.7436, -7.9395, 12.9237

Details

The XYZ color **31.2186, 34.5081, 27.9370** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.5795, 25.3053, 37.2563**, and the grayscale version is **32.1567, 33.8313, 36.8423**.

A 20% lighter version of the original color is **61.0735, 66.8887, 57.2688**, and **13.1595, 14.8719, 10.7713** is the 20% darker color. If you saturate the color by 10%, you get **29.8070, 33.9027, 22.3945**, and if you desaturate by 10%, it is **32.8090, 35.1880, 34.3842**.

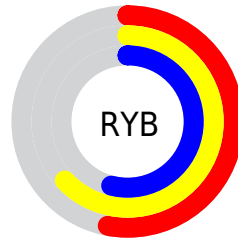
Distribution



Red (62%)

Green (63%)

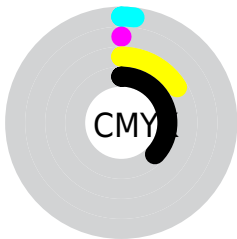
Blue (53%)



Red (53%)

Yellow (63%)

Blue (54%)

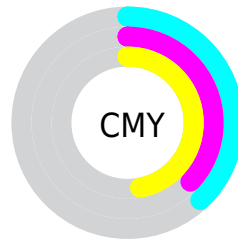


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2186, 34.5081, 27.9370 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 31.2186, 34.5081, 27.9370 by changing the saturation by 10% instead.

■ 31.2186, 34.5081,
27.9370

■ 31.2186, 34.5081,
27.9370

299.3531,
322.3918, 306.0682

■ 20.9180, 23.2842,
18.0395

■ 60.9576, 66.7230,
57.4057

■ 13.1762, 14.8035,
10.8086

■ 81.1267, 88.4829,
77.8141

■ 7.6278, 8.6816,
5.8258

■ 105.3160,
114.5235, 102.5632

■ 3.9075, 4.5341,
2.6724

133.8908,
145.2292, 132.0715

■ 1.6500, 1.9766,
0.9295

167.2166,
180.9845, 166.7576

■ 0.4246, 0.5938,
0.0000

205.6587,

■ 0.0000, 0.0000,

222.1738, 207.0401

0.0000

249.5824,
269.1814, 253.3375

■ 31.2186, 34.5081,
27.9370

■ 31.2186, 34.5081,
27.9370

■ 29.8070, 33.9027,
22.3945

■ 32.8090, 35.1880,
34.3842

■ 28.5638, 33.3641,
17.7140

■ 34.5828, 35.9407,
41.7718

■ 27.4816, 32.8905,
13.8528


■ 36.5476, 36.7705,
50.1362


■ 26.5515, 32.4784,
10.7637


■ 38.7098, 37.6799,
59.5112


■ 25.7634, 32.1238,
8.3945


■ 41.0757, 38.6714,
69.9290


 25.1064, 31.8222,
6.6867


 43.6510, 39.7474,
81.4205


 24.5674, 31.5685,
5.5727

 46.4415, 40.9101,
94.0152

 24.1286, 31.3554,
4.9585

 48.0021, 41.5814,
100.1038

 23.9710, 31.2781,
4.7739

 48.4159, 41.7947,
100.1231

Harmonies

Analogous

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



33.2609, 34.5081, 27.2211



31.2186, 34.5081, 27.9370



29.6624, 34.5081, 31.1033

Triad

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



31.2186, 34.5081, 27.9370



30.4542, 34.5081, 47.6448



36.9738, 34.5081, 38.9059

Complementary

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



31.2186, 34.5081, 27.9370



25.5795, 25.3053, 37.2563

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.



36.1491, 34.5081, 44.8838



31.2186, 34.5081, 27.9370



32.3412, 34.5081, 50.2651

Square

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



31.2186, 34.5081, 27.9370



29.2344, 34.5081, 42.3644



34.4317, 34.5081, 49.2044



36.6420, 34.5081, 33.1581

Rectangle

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



31.2186, 34.5081, 27.9370



29.0805, 34.5081, 34.3777



34.4317, 34.5081, 49.2044



36.8215, 34.5081, 40.9613

Sweetspot

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



31.2195, 34.5096, 27.9377



59.0748, 63.1514, 62.8928



28.1034, 27.3896, 26.7277



12.9122, 13.8314, 13.6131



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.



31.2195, 34.5096, 27.9377



55.0635, 61.4383, 46.6756



28.8669, 33.2968, 27.8276



7.5685, 8.1956, 7.5631



19.1658, 24.9908, 3.8136



0.4240, 0.5361, 0.0811

Inverse Universe

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



25.5795, 25.3053, 37.2563



43.2247, 42.1166, 66.2377



27.7865, 26.4431, 37.3596



6.7729, 6.8973, 8.8774



5.3653, 2.1724, 27.0663



0.1338, 0.0565, 0.5697

Previews

White Background



This preview shows how the XYZ color 31.2186, 34.5081, 27.9370 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 31.2186, 34.5081, 27.9370 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

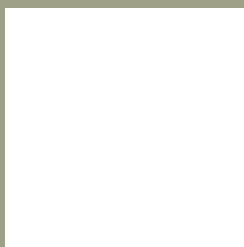
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.2186, 34.5081, 27.9370

Background



This preview shows how black text looks on a background with the XYZ color 31.2186, 34.5081, 27.9370.



This preview shows how white text looks on a background with the XYZ color 31.2186, 34.5081,

27.9370.

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

31.2186, 34.5081, 27.9370

Protanopia

32.4663, 34.3904, 27.4811

Deuteranopia

35.1980, 34.5337, 28.4774



Tritanopia

34.1542, 34.4280, 42.3813

Trichromacy



Original Color

31.2186, 34.5081, 27.9370

Protanomaly

32.0111, 34.4100, 27.5089

Deuteranomaly

33.5660, 34.4387, 28.1708

Tritanomaly

33.0106, 34.4651, 36.8109

Monochromacy



Original Color

31.2186, 34.5081, 27.9370

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5563, 33.7917, 33.2930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2186, 34.5081, 27.9370 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(158, 161, 135)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 135)  
}
```

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(158, 161, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 135) }
```

Border

The CSS property to change the border of an element to XYZ 31.2186, 34.5081, 27.9370 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(158, 161, 135) }
```


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

```
.border{ border-color:rgb(158, 161, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 161, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 161, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 161, 135);  
box-shadow:4px 4px 4px 4px rgb(158, 161,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2186, 34.5081, 27.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 135) }
```

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

```
.background{ background-color: rgb(158,  
161, 135) }
```

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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