

Converting Colors

XYZ(31.1514, 35.7486, 27.3040)

Have a look what the booklet for
XYZ(31.1514, 35.7486, 27.3040)
contains.

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Color

**XYZ(31.1963, 35.8359,
27.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA685
RGB	154, 166, 133
RGB Percent	60%, 65%, 52%
CMY	0.3961, 0.3490, 0.4784
CMYK	0.07, 0.00, 0.20, 0.35
HSL	82°, 16%, 59%
HSV	82°, 20%, 65%
XYZ	31.1963, 35.8359, 27.4631
YIQ	158.6500, 3.4410, -12.8070

Conversions

Conversions Part 2

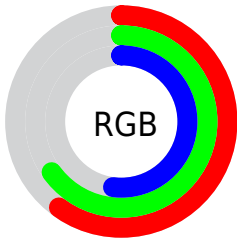
Format	Color
R _Y B	133, 166, 145
Decimal	10135173
CIE Lab	66.39, -10.25, 15.69
CIE LCh	66, 18.745, 123.147
Yxy	35.8359, 0.3301, 0.3792
Android (android.graphics.Color)	4288325253 (0xFF9AA685)
YUV	158.6500, -12.6455, -4.0781
Hunter-Lab	59.8631, -11.7392, 14.7040

Details

The XYZ color **31.1963, 35.8359, 27.4631** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.9489, 25.5489, 39.5894**, and the grayscale version is **32.8504, 34.5612, 37.6372**.

A 20% lighter version of the original color is **61.0139, 68.8134, 56.5209**, and **13.1722, 15.5427, 10.4894** is the 20% darker color. If you saturate the color by 10%, you get **29.0188, 34.8366, 21.8403**, and if you desaturate by 10%, it is **33.6148, 36.9406, 34.0449**.

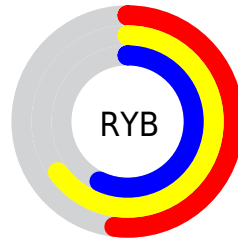
Distribution



Red (60%)

Green (65%)

Blue (52%)



Red (52%)

Yellow (65%)

Blue (57%)

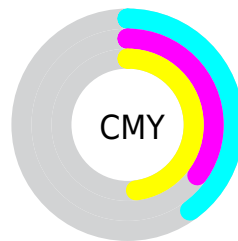


Cyan (7%)

Magenta (0%)

Yellow (20%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1963, 35.8359, 27.4631 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 31.1963, 35.8359, 27.4631 by changing the saturation by 10% instead.

■ 31.1963, 35.8359,
27.4631

■ 31.1963, 35.8359,
27.4631

299.2524,
328.2427, 303.7232

■ 20.9009, 24.3075,
17.6858

■ 60.9227, 68.7787,
56.6388

■ 13.1637, 15.5619,
10.5576

■ 81.0845, 90.9619,
76.8744

■ 7.6191, 9.2147,
5.6598

■ 105.2658,
117.4654, 101.4331

■ 3.9020, 4.8815,
2.5739

133.8320,
148.6738, 130.7336

■ 1.6468, 2.1779,
0.8789

167.1483,
184.9713, 165.1942

■ 0.4226, 0.7079,
0.0000

205.5803,

■ 0.0000, 0.0000,

226.7423, 205.2337

0.0000

249.4932,
274.3714, 251.2705

■ 31.1963, 35.8359,
27.4631

■ 31.1963, 35.8359,
27.4631

■ 29.0188, 34.8366,
21.8403

■ 33.6148, 36.9406,
34.0449

■ 27.0701, 33.9343,
17.1293

■ 36.2803, 38.1497,
41.6252

■ 25.3412, 33.1264,
13.2826

■ 39.2019, 39.4681,
50.2440

■ 23.8211, 32.4083,
10.2474

■ 42.3874, 40.8990,
59.9387

■ 22.4978, 31.7753,
7.9650

■ 45.8445, 42.4456,
70.7446

■ 21.3578, 31.2217,
6.3690

■ 49.5802, 44.1108,
82.6955

■ 20.3853, 30.7413,
5.3813

■ 53.6014, 45.8974,
95.8236

■ 19.5462, 30.3201,
4.8279

■ 56.1258, 47.0926,
100.7394

■ 19.5366, 30.3153,
4.8217

■ 57.7949, 47.9530,
100.8175

Harmonies

Analogous

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



33.7657, 35.8359, 25.5395



31.1963, 35.8359, 27.4631



29.4723, 35.8359, 32.4499

Triad

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



31.1963, 35.8359, 27.4631



31.6824, 35.8359, 54.4852



39.7348, 35.8359, 38.1774

Complementary

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



31.1963, 35.8359, 27.4631



26.9489, 25.5489, 39.5894

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.



39.1027, 35.8359, 46.4202



31.1963, 35.8359, 27.4631



34.3579, 35.8359, 56.5627

Square

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



31.1963, 35.8359, 27.4631



29.7420, 35.8359, 48.0887



37.0958, 35.8359, 53.4327



38.7790, 35.8359, 31.1684

Rectangle

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



31.1963, 35.8359, 27.4631



28.9820, 35.8359, 37.2051



37.0958, 35.8359, 53.4327



39.7011, 35.8359, 40.8914

Sweetspot

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



31.1972, 35.8375, 27.4639



62.7741, 67.8444, 66.7532



30.0176, 29.9152, 26.3829



13.9816, 15.1523, 14.7515



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.1972, 35.8375, 27.4639



54.7594, 64.1864, 44.9717



28.3439, 34.3665, 27.3303



7.8783, 8.6354, 8.0408



15.2014, 23.5339, 3.7413



0.4230, 0.6000, 0.0935

Inverse Universe

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



26.9489, 25.5489, 39.5894



45.5818, 41.9569, 71.1713



29.9798, 27.1114, 39.7312



7.3798, 7.4284, 9.4632



6.8476, 2.9135, 28.1769



0.2227, 0.0998, 0.6882

Previews

White Background



This preview shows how the XYZ color 31.1963, 35.8359, 27.4631 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 31.1963, 35.8359, 27.4631 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

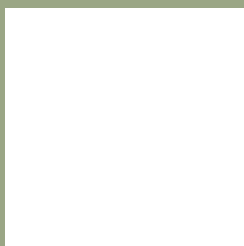
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.1963, 35.8359, 27.4631

Background



This preview shows how black text looks on a background with the XYZ color 31.1963, 35.8359, 27.4631.



This preview shows how white text looks on a background with the XYZ color 31.1963, 35.8359,

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

31.1963, 35.8359, 27.4631

Protanopia

33.6362, 35.7864, 26.6074

Deuteranopia

36.3442, 35.6311, 27.8836



Tritanopia

34.6108, 35.6323, 44.5887

Trichromacy



Original Color

31.1963, 35.8359, 27.4631

Protanomaly

32.7791, 35.8597, 27.0238

Deuteranomaly

34.1568, 35.5162, 27.6093

Tritanomaly

33.1924, 35.5784, 37.4656

Monochromacy



Original Color

31.1963, 35.8359, 27.4631

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.3300, 35.2108, 33.9465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1963, 35.8359, 27.4631 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(154, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(154, 166, 133)  
}
```

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(154, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 166, 133) }
```

Border

The CSS property to change the border of an element to XYZ 31.1963, 35.8359, 27.4631 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(154, 166, 133) }
```


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

```
.border{ border-color:rgb(154, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(154, 166,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1963, 35.8359, 27.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 166, 133) }
```

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

```
.background{ background-color: rgb(154,  
166, 133) }
```

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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