

Converting Colors

XYZ(30.4846, 36.6320, 31.1062)

Have a look what the booklet for
XYZ(30.4846, 36.6320, 31.1062)
contains.

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Color

**XYZ(30.6007, 36.8296,
31.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAB8E
RGB	142, 171, 142
RGB Percent	56%, 67%, 56%
CMY	0.4431, 0.3294, 0.4431
CMYK	0.17, 0.00, 0.17, 0.33
HSL	120°, 15%, 61%
HSV	120°, 17%, 67%
XYZ	30.6007, 36.8296, 31.0872
YIQ	159.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

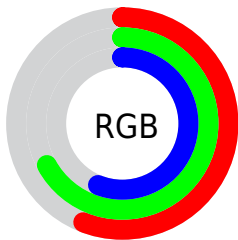
Format	Color
RYB	142, 171, 171
Decimal	9350030
CIELab	67.15, -15.71, 11.66
CIELCh	67, 19.568, 143.407
Yxy	36.8296, 0.3106, 0.3738
Android (android.graphics.Color)	4287540110 (0xFF8EAB8E)
YUV	159.0230, -8.3923, -14.9292
Hunter-Lab	60.6874, -16.1970, 12.1098

Details

The XYZ color **30.6007, 36.8296, 31.0872** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.8195, 30.9450, 42.7201**, and the grayscale version is **33.0057, 34.7246, 37.8151**.

A 20% lighter version of the original color is **59.9251, 70.1140, 62.5995**, and **12.8430, 16.1905, 12.5734** is the 20% darker color. If you saturate the color by 10%, you get **26.7019, 34.9579, 24.7093**, and if you desaturate by 10%, it is **35.1486, 39.0153, 38.5252**.

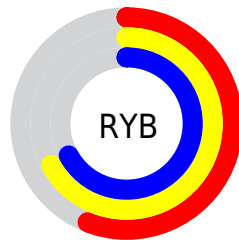
Distribution



Red (56%)

Green (67%)

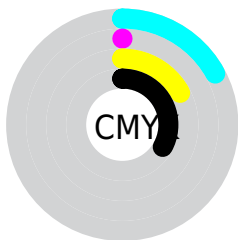
Blue (56%)



Red (56%)

Yellow (67%)

Blue (67%)

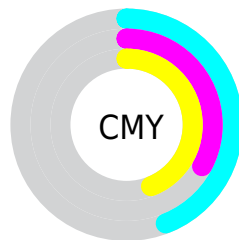


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6007, 36.8296, 31.0872 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 30.6007, 36.8296, 31.0872 by changing the saturation by 10% instead.

■ 30.6007, 36.8296,
31.0872

■ 30.6007, 36.8296,
31.0872

296.5543,
332.5722, 321.3035

■ 20.4453, 25.0756,
20.4062

■ 59.9910, 70.3106,
62.4585

■ 12.8293, 16.1334,
12.5037

■ 79.9566, 92.8064,
83.9860

■ 7.3873, 9.6186,
6.9610

■ 103.9230,
119.6516, 109.9660

■ 3.7539, 5.1468,
3.3596

132.2556,
151.2306, 140.8171

■ 1.5639, 2.3337,
1.2811

165.3196,
187.9278, 176.9578

■ 0.3687, 0.7914,
0.0462

203.4805,

■ 0.0000, 0.0000,

230.1275, 218.8068

0.0000

247.1037,
278.2142, 266.7825

■ 30.6007, 36.8296,
31.0872

■ 30.6007, 36.8296,
31.0872

■ 26.7019, 34.9579,
24.7093

■ 35.1486, 39.0153,
38.5252

■ 23.4199, 33.3814,
19.3409

■ 40.3702, 41.5235,
47.0659

■ 20.7239, 32.0864,
14.9312

■ 46.2923, 44.3682,
56.7526

■ 18.5796, 31.0563,
11.4236

■ 52.9396, 47.5612,
67.6252

■ 16.9487, 30.2729,
8.7560

■ 60.3354, 51.1138,
79.7222

■ 15.7884, 29.7156,
6.8581

■ 68.5021, 55.0367,
93.0801

■ 15.0489, 29.3604,
5.6484

■ 73.8536, 57.6073,
101.8345

■ 14.6572, 29.1722,
5.0077

■ 14.5637, 29.1273,
4.8547

Harmonies

Analogous

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



32.7767, 36.8296, 26.8404



30.6007, 36.8296, 31.0872



29.6130, 36.8296, 38.2453

Triad

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



30.6007, 36.8296, 31.0872



34.3513, 36.8296, 58.7254



40.5353, 36.8296, 33.9250

Complementary

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



30.6007, 36.8296, 31.0872



33.8195, 30.9450, 42.7201

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.



41.0158, 36.8296, 42.0161



30.6007, 36.8296, 31.0872



37.3330, 36.8296, 57.1372

Square

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



30.6007, 36.8296, 31.0872



31.6975, 36.8296, 54.7832



39.8138, 36.8296, 50.7082



38.5359, 36.8296, 28.3090

Rectangle

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



30.6007, 36.8296, 31.0872



29.7189, 36.8296, 44.0306



39.8138, 36.8296, 50.7082



40.8844, 36.8296, 36.4128

Sweetspot

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



30.6017, 36.8312, 31.0880



64.6035, 70.6670, 71.7041



36.2416, 39.7387, 31.3517



14.2710, 15.6938, 15.7682



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.6017, 36.8312, 31.0880



52.3063, 64.7600, 51.5899



31.7625, 37.2955, 37.2006



7.9045, 8.9394, 8.5223



10.9783, 21.9566, 3.6595



0.3054, 0.6108, 0.1018

Inverse Universe

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



33.8195, 30.9450, 42.7201



59.0600, 52.4060, 76.0037



32.5119, 30.4219, 35.8344



8.3371, 8.1481, 10.0860



18.2017, 8.7432, 29.7712



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 30.6007, 36.8296, 31.0872 looks on a white background.

Color Contrast Check

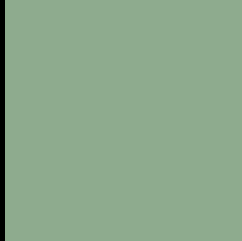
Large Text (above 18pt) WCAG AA × Fail

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 30.6007, 36.8296, 31.0872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

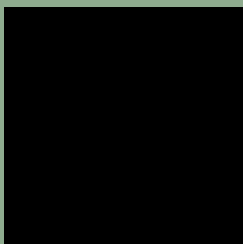
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

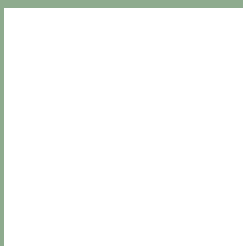
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6007, 36.8296, 31.0872

Background



This preview shows how black text looks on a background with the XYZ color 30.6007, 36.8296, 31.0872.



This preview shows how white text looks on a background with the XYZ color 30.6007, 36.8296,

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

30.6007, 36.8296, 31.0872

Protanopia

34.6979, 36.8000, 29.3191

Deuteranopia

37.1754, 36.4726, 31.8686



Tritanopia

33.9856, 36.8230, 47.9641

Trichromacy



Original Color

30.6007, 36.8296, 31.0872

Protanomaly

32.9944, 36.7136, 29.7735

Deuteranomaly

34.3166, 36.2893, 31.5814

Tritanomaly

32.7396, 36.8694, 41.4673

Monochromacy



Original Color

30.6007, 36.8296, 31.0872

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.9838, 35.2666, 35.2584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6007, 36.8296, 31.0872 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(142, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 171, 142)  
}
```

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(142, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 171, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.6007, 36.8296, 31.0872 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(142, 171, 142) }
```


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

```
.border{ border-color:rgb(142, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 171,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6007, 36.8296, 31.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 171, 142) }
```

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

```
.background{ background-color: rgb(142,  
171, 142) }
```

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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