

Converting Colors

XYZ(30.4016, 35.4141, 31.0570)

Have a look what the booklet for
XYZ(30.4016, 35.4141, 31.0570)
contains.

XYZ(30.4482, 35.3666, 31.2082)	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(30.4482, 35.3666,
31.2082)**

Conversions

Conversions Part 1

Format	Color
Hex	92A68F
RGB	146, 166, 143
RGB Percent	57%, 65%, 56%
CMY	0.4274, 0.3490, 0.4392
CMYK	0.12, 0.00, 0.14, 0.35
HSL	112°, 11%, 61%
HSV	112°, 14%, 65%
XYZ	30.4482, 35.3666, 31.2082
YIQ	157.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

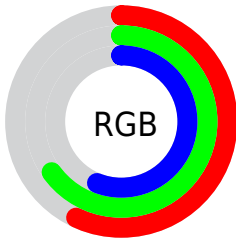
Format	Color
RYB	143, 166, 163
Decimal	9610895
CIELab	66.03, -11.47, 9.57
CIELCh	66, 14.939, 140.163
Yxy	35.3666, 0.3138, 0.3645
Android (android.graphics.Color)	4287800975 (0xFF92A68F)
YUV	157.3980, -7.0982, -9.9960
Hunter-Lab	59.4698, -12.6812, 10.5150

Details

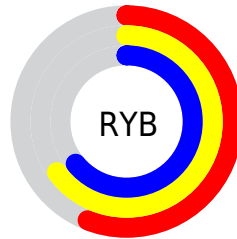
The XYZ color **30.4482, 35.3666, 31.2082** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8110, 30.1856, 40.2280**, and the grayscale version is **32.2604, 33.9404, 36.9611**.

A 20% lighter version of the original color is **59.7539, 68.0235, 62.8038**, and **12.7124, 15.2578, 12.6310** is the 20% darker color. If you saturate the color by 10%, you get **26.8766, 33.6611, 24.9552**, and if you desaturate by 10%, it is **34.5319, 37.3166, 38.4581**.

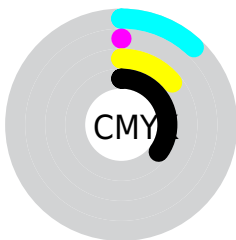
Distribution



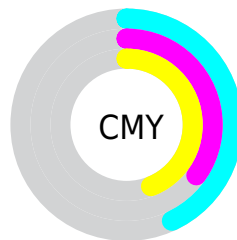
- Red (57%)
- Green (65%)
- Blue (56%)



- Red (56%)
- Yellow (65%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



- Cyan (43%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4482, 35.3666, 31.2082 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 30.4482, 35.3666, 31.2082 by changing the saturation by 10% instead.

■ 30.4482, 35.3666,
31.2082

■ 30.4482, 35.3666,
31.2082

295.8605,
326.1835, 321.8772

■ 20.3288, 23.9454,
20.4976

■ 59.7520, 68.0533,
62.6511

■ 12.7439, 15.2931,
12.5696

■ 79.6672, 90.0876,
84.2206

■ 7.3282, 9.0254,
7.0057

103.5783,
116.4284, 110.2467

■ 3.7164, 4.7577,
3.3871

131.8507,
147.4601, 141.1482

■ 1.5430, 2.1058,
1.2955

164.8498,
183.5670, 177.3434

■ 0.3548, 0.6679,
0.0581

202.9409,

■ 0.0000, 0.0000,

225.1337, 219.2509

0.0000

246.4893,
272.5444, 267.2894

■ 30.4482, 35.3666,
31.2082

■ 30.4482, 35.3666,
31.2082

■ 26.8766, 33.6611,
24.9552

■ 34.5319, 37.3166,
38.4581

■ 23.7941, 32.1862,
19.6534

■ 39.1439, 39.5156,
46.7433

■ 21.1801, 30.9332,
15.2568

■ 44.3032, 41.9735,
56.1032

■ 19.0114, 29.8914,
11.7149

■ 50.0270, 44.6984,
66.5743

■ 17.2629, 29.0489,
8.9720

■ 56.3317, 47.6980,
78.1914

■ 15.9070, 28.3929,
6.9660

■ 63.2332, 50.9798,
90.9878

■ 14.9125, 27.9088,
5.6257

■ 70.0623, 54.2771,
101.3916

■ 14.2434, 27.5800,
4.8656

■ 72.9269, 55.7538,
101.5256

■ 13.9601, 27.4404,
4.5608

Harmonies

Analogous

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



32.1676, 35.3666, 28.1518



30.4482, 35.3666, 31.2082



29.5891, 35.3666, 36.4608

Triad

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



30.4482, 35.3666, 31.2082



32.8922, 35.3666, 51.8260



37.7753, 35.3666, 34.4535

Complementary

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



30.4482, 35.3666, 31.2082



31.8110, 30.1856, 40.2280

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.



37.9902, 35.3666, 40.6309



30.4482, 35.3666, 31.2082



35.1050, 35.3666, 51.1362

Square

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



30.4482, 35.3666, 31.2082



30.9586, 35.3666, 48.6586



36.9939, 35.3666, 46.8661



36.4189, 35.3666, 29.8778

Rectangle

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



30.4482, 35.3666, 31.2082



29.5930, 35.3666, 40.7016



36.9939, 35.3666, 46.8661



37.9856, 35.3666, 36.3950

Sweetspot

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



30.4492, 35.3681, 31.2090



62.4976, 67.6410, 69.4882



33.7707, 36.2626, 31.2066



13.8574, 15.0755, 15.3209



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.



30.4492, 35.3681, 31.2090



52.9139, 63.0662, 52.5121



30.5862, 35.3621, 34.6774



7.5243, 8.4529, 8.0243



10.8484, 21.2898, 3.5376



0.2906, 0.5317, 0.0873

Inverse Universe

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



31.8110, 30.1856, 40.2280



55.9289, 51.5888, 72.4851



31.6839, 30.2065, 36.3143



7.7443, 7.6163, 9.4803



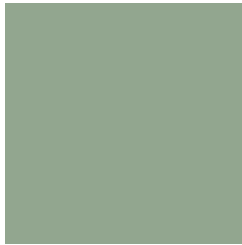
14.3319, 6.7718, 28.5272



0.3745, 0.1780, 0.6953

Previews

White Background



This preview shows how the XYZ color 30.4482, 35.3666, 31.2082 looks on a white background.

Color Contrast Check

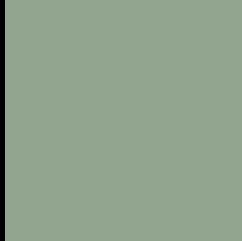
Large Text (above 18pt) WCAG AA × Fail

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 30.4482, 35.3666, 31.2082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

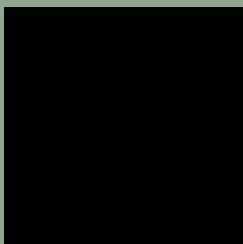
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4482, 35.3666, 31.2082

Background



This preview shows how black text looks on a background with the XYZ color 30.4482, 35.3666, 31.2082.



This preview shows how white text looks on a background with the XYZ color 30.4482, 35.3666,

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

30.4482, 35.3666, 31.2082

Protanopia

33.4529, 35.3599, 29.8729

Deuteranopia

35.7225, 34.9793, 31.6570



Tritanopia

33.3228, 35.4760, 45.1356

Trichromacy



Original Color

30.4482, 35.3666, 31.2082

Protanomaly

32.2253, 35.2373, 30.3023

Deuteranomaly

33.4094, 34.7922, 31.3403

Tritanomaly

32.1025, 35.2283, 39.7581

Monochromacy



Original Color

30.4482, 35.3666, 31.2082

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3752, 34.1809, 34.6497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4482, 35.3666, 31.2082 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(146, 166, 143) looks like.

```
.text, #text, p{  
    color:rgb(146, 166, 143)  
}
```

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(146, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 166, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.4482, 35.3666, 31.2082 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(146, 166, 143) }
```


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

```
.border{ border-color:rgb(146, 166, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 166, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 166,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4482, 35.3666, 31.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 166, 143) }
```

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

```
.background{ background-color: rgb(146,  
166, 143) }
```

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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