

Converting Colors

XYZ(30.3405, 28.3904, 33.4410)

Have a look what the booklet for
XYZ(30.3405, 28.3904, 33.4410)
contains.

XYZ(30.4819, 28.5509, 33.6101)	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(30.4819, 28.5509,
33.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	A68A98
RGB	166, 138, 152
RGB Percent	65%, 54%, 60%
CMY	0.3490, 0.4588, 0.4039
CMYK	0.00, 0.17, 0.08, 0.35
HSL	330°, 14%, 60%
HSV	330°, 17%, 65%
XYZ	30.4819, 28.5509, 33.6101
YIQ	147.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

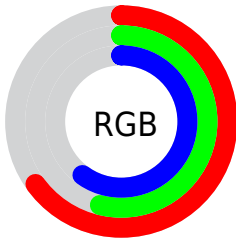
Format	Color
RYB	166, 138, 152
Decimal	10914456
CIELab	60.38, 13.01, -3.47
CIELCh	60, 13.463, 345.061
Yxy	28.5509, 0.3290, 0.3082
Android (android.graphics.Color)	4289104536 (0xFFA68A98)
YUV	147.9680, 1.9878, 15.8141
Hunter-Lab	53.4330, 8.3209, 0.1089

Details

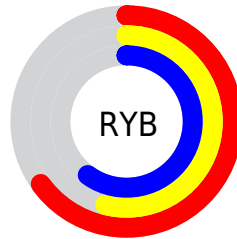
The XYZ color **30.4819, 28.5509, 33.6101** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7861, 34.9436, 34.8823**, and the grayscale version is **28.1240, 29.5887, 32.2221**.

A 20% lighter version of the original color is **59.8090, 57.5277, 66.3442**, and **12.7781, 11.4964, 13.8575** is the 20% darker color. If you saturate the color by 10%, you get **27.6238, 23.8846, 29.4198**, and if you desaturate by 10%, it is **33.7533, 33.9668, 38.1736**.

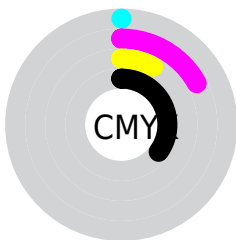
Distribution



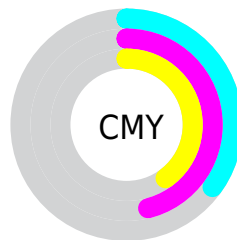
- Red (65%)
- Green (54%)
- Blue (60%)



- Red (65%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4819, 28.5509, 33.6101 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 30.4819, 28.5509, 33.6101 by changing the saturation by 10% instead.


 30.4819, 28.5509,
33.6101

 30.4819, 28.5509,
33.6101


296.0140,
295.0900, 333.1059


 20.3545, 18.7413,
22.3193


 59.8049, 57.3628,
66.4538

 12.7628, 11.4835,
13.8911


 79.7312, 77.1339,
88.8438

 7.3413, 6.3931,
7.9071

 103.6545,
100.9943, 115.7707

 3.7247, 3.0855,
3.9486

131.9402,
129.3285, 147.6528

 1.5476, 1.1765,
1.5972

164.9536,
162.5207, 184.9089

 0.3579, 0.0424,
0.2888

203.0602,

 0.0000, 0.0000,

200.9555, 227.9574

0.0000

246.6252,
245.0171, 277.2169

■ 30.4819, 28.5509,
33.6101

■ 30.4819, 28.5509,
33.6101

■ 27.6238, 23.8846,
29.4198

■ 33.7533, 33.9668,
38.1736

■ 25.1591, 19.9308,
25.5903

■ 37.4518, 40.1597,
43.1186

■ 23.0698, 16.6549,
22.1111

■ 41.5937, 47.1604,
48.4553

■ 21.3355, 14.0178,
18.9702

■ 46.1938, 54.9967,
54.1930

■ 19.9341, 11.9764,
16.1550

■ 51.2659, 63.6951,
60.3406

■ 18.8402, 10.4825,
13.6516

■ 56.8234, 73.2812,
66.9068

■ 18.0249, 9.4797,
11.4447

■ 62.8791, 83.7791,
73.8998

■ 17.4460, 8.8854,
9.5141

■ 64.1945, 84.7105,
79.5774

■ 17.2872, 8.7315,
8.9563

■ 65.3111, 85.1571,
85.4574

Harmonies

Analogous

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



29.5620, 28.5509, 38.3192



30.4819, 28.5509, 33.6101



30.4799, 28.5509, 28.6750

Triad

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



30.4819, 28.5509, 33.6101



26.2809, 28.5509, 22.7597



24.8527, 28.5509, 38.3357

Complementary

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



30.4819, 28.5509, 33.6101



29.7861, 34.9436, 34.8823

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.



24.0475, 28.5509, 33.6308



30.4819, 28.5509, 33.6101



24.8479, 28.5509, 24.8275

Square

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



30.4819, 28.5509, 33.6101



28.0040, 28.5509, 22.7555



24.0458, 28.5509, 28.6936



26.2876, 28.5509, 41.2383

Rectangle

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



30.4819, 28.5509, 33.6101



29.9538, 28.5509, 25.9258



24.0458, 28.5509, 28.6936



24.5021, 28.5509, 36.8916

Sweetspot

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



30.4827, 28.5522, 33.6107



62.3906, 63.5337, 70.8205



28.9214, 27.6069, 39.8813



13.8645, 14.0553, 15.7163



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.



30.4827, 28.5522, 33.6107



53.4200, 48.6976, 58.2570



29.4029, 28.1202, 27.9242



7.6816, 7.6025, 8.6408



13.4288, 6.7802, 7.0694



0.3526, 0.1753, 0.3081

Inverse Universe

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



30.4827, 28.5522, 33.6107



53.4200, 48.6976, 58.2570



31.0013, 35.4297, 41.2816



7.6816, 7.6025, 8.6408



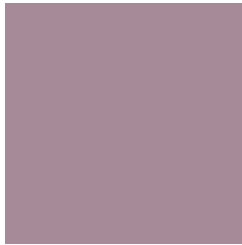
13.4288, 6.7802, 7.0694



0.3526, 0.1753, 0.3081

Previews

White Background



This preview shows how the XYZ color 30.4819, 28.5509, 33.6101 looks on a white background.

Color Contrast Check

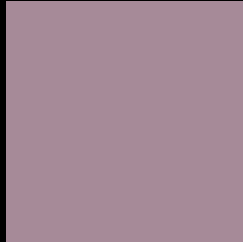
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4819, 28.5509, 33.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

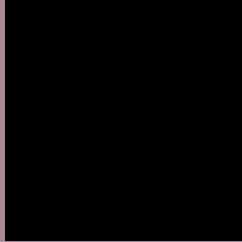
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4819, 28.5509, 33.6101

Background



This preview shows how black text looks on a background with the XYZ color 30.4819, 28.5509, 33.6101.



This preview shows how white text looks on a background with the XYZ color 30.4819, 28.5509,

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

30.4819, 28.5509, 33.6101

Protanopia

27.8032, 28.6708, 35.5211

Deuteranopia

29.0154, 28.4522, 33.2407



Tritanopia

30.2392, 28.4539, 32.3321

Trichromacy



Original Color

30.4819, 28.5509, 33.6101

Protanomaly

28.7263, 28.4849, 34.9944

Deuteranomaly

29.4612, 28.4641, 33.2195

Tritanomaly

30.3194, 28.4860, 32.7545

Monochromacy



Original Color

30.4819, 28.5509, 33.6101

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9156, 29.0850, 32.5237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4819, 28.5509, 33.6101 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(166, 138, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 138, 152)  
}
```

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(166, 138, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 138, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.4819, 28.5509, 33.6101 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(166, 138, 152) }
```


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

```
.border{ border-color:rgb(166, 138, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 138, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 138, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 138, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 138,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4819, 28.5509, 33.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 138, 152) }
```

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

```
.background{ background-color: rgb(166,  
138, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor