

Converting Colors

XYZ(30.5796, 28.8689, 33.5188)

Have a look what the booklet for
XYZ(30.5796, 28.8689, 33.5188)
contains.

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Color

**XYZ(30.6260, 28.8392,
33.6581)**

Conversions

Conversions Part 1

Format	Color
Hex	A68B98
RGB	166, 139, 152
RGB Percent	65%, 55%, 60%
CMY	0.3490, 0.4549, 0.4039
CMYK	0.00, 0.16, 0.08, 0.35
HSL	331°, 13%, 60%
HSV	331°, 16%, 65%
XYZ	30.6260, 28.8392, 33.6581
YIQ	148.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

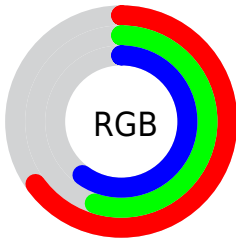
Format	Color
RYB	166, 139, 152
Decimal	10914712
CIELab	60.64, 12.44, -3.09
CIElCh	61, 12.820, 346.039
Yxy	28.8392, 0.3289, 0.3097
Android (android.graphics.Color)	4289104792 (0xFFA68B98)
YUV	148.5550, 1.6984, 15.2993
Hunter-Lab	53.7021, 7.8187, 0.4312

Details

The XYZ color **30.6260, 28.8392, 33.6581** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0346, 35.0621, 35.3233**, and the grayscale version is **28.3705, 29.8480, 32.5045**.

A 20% lighter version of the original color is **60.0293, 57.9683, 66.4176**, and **12.8608, 11.6617, 13.8850** is the 20% darker color. If you saturate the color by 10%, you get **27.7230, 24.1206, 29.3374**, and if you desaturate by 10%, it is **33.9468, 34.3108, 38.3713**.

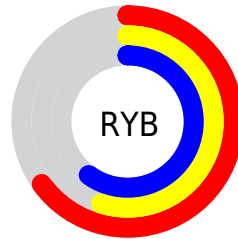
Distribution



Red (65%)

Green (55%)

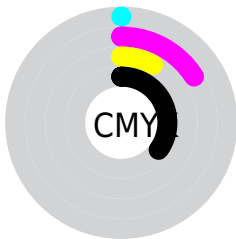
Blue (60%)



Red (65%)

Yellow (55%)

Blue (60%)

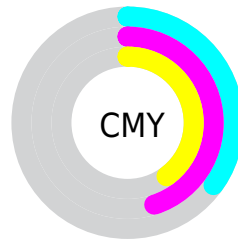


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6260, 28.8392, 33.6581 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 30.6260, 28.8392, 33.6581 by changing the saturation by 10% instead.

■ 30.6260, 28.8392,
33.6581

■ 30.6260, 28.8392,
33.6581

296.6693,
296.4555, 333.3273

■ 20.4647, 18.9592,
22.3558

■ 60.0306, 57.8215,
66.5294

■ 12.8435, 11.6408,
13.9178

■ 80.0046, 77.6926,
88.9356

■ 7.3971, 6.4996,
7.9254

■ 103.9802,
101.6629, 115.8801

■ 3.7602, 3.1512,
3.9602

132.3227,
130.1167, 147.7816

■ 1.5674, 1.2112,
1.6035

165.3975,
163.4385, 185.0585

■ 0.3710, 0.0708,
0.2933

203.5700,

■ 0.0000, 0.0000,

202.0126, 228.1294

0.0000

247.2055,
246.2235, 277.4128

■ 30.6260, 28.8392,
33.6581

■ 30.6260, 28.8392,
33.6581

■ 27.7230, 24.1206,
29.3374

■ 33.9468, 34.3108,
38.3713

■ 25.2179, 20.1179,
25.3961

■ 37.6994, 40.5626,
43.4858

■ 23.0927, 16.7967,
21.8231

■ 41.9000, 47.6254,
49.0123

■ 21.3270, 14.1180,
18.6060

■ 46.5634, 55.5271,
54.9606

■ 19.8985, 12.0390,
15.7314

■ 51.7037, 64.2940,
61.3401

■ 18.7822, 10.5117,
13.1847

■ 57.3342, 73.9516,
68.1600

■ 17.9491, 9.4803,
10.9501

■ 63.4025, 84.3937,
75.4072

■ 17.3599, 8.8684,
9.0075

■ 64.5197, 84.8405,
81.2898

■ 17.1710, 8.6850,
8.3447

■ 65.6956, 85.3109,
87.4822

Harmonies

Analogous

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



29.7728, 28.8392, 38.1825



30.6260, 28.8392, 33.6581



30.5938, 28.8392, 28.9428

Triad

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



30.6260, 28.8392, 33.6581



26.5385, 28.8392, 23.4105



25.2546, 28.8392, 38.4501

Complementary

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



30.6260, 28.8392, 33.6581



30.0346, 35.0621, 35.3233

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.



24.4566, 28.8392, 33.9945



30.6260, 28.8392, 33.6581



25.1772, 28.8392, 25.4741

Square

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



30.6260, 28.8392, 33.6581



28.1880, 28.8392, 23.3401



24.4289, 28.8392, 29.2471



26.6480, 28.8392, 41.1322

Rectangle

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



30.6260, 28.8392, 33.6581



30.0732, 28.8392, 26.3248



24.4289, 28.8392, 29.2471



24.9103, 28.8392, 37.0911

Sweetspot

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



30.6268, 28.8405, 33.6587



62.3654, 63.5236, 70.6877



29.2441, 27.9872, 39.9376



13.8582, 14.0528, 15.6828



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.



30.6268, 28.8405, 33.6587



53.3293, 48.6614, 57.7797



29.6850, 28.5682, 28.3772



7.6759, 7.6002, 8.6105



13.3385, 6.7441, 6.5941



0.3505, 0.1745, 0.2972

Inverse Universe

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



30.6268, 28.8405, 33.6587



53.3293, 48.6614, 57.7797



31.0859, 35.3520, 41.2620



7.6759, 7.6002, 8.6105



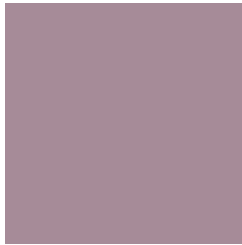
13.3385, 6.7441, 6.5941



0.3505, 0.1745, 0.2972

Previews

White Background



This preview shows how the XYZ color 30.6260, 28.8392, 33.6581 looks on a white background.

Color Contrast Check

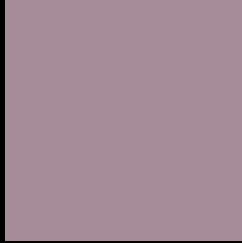
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6260, 28.8392, 33.6581 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 30.6260, 28.8392, 33.6581

Background



This preview shows how black text looks on a background with the XYZ color 30.6260, 28.8392, 33.6581.



This preview shows how white text looks on a background with the XYZ color 30.6260, 28.8392,

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

30.6260, 28.8392, 33.6581

Protanopia

28.1337, 29.0691, 35.5806

Deuteranopia

29.3595, 28.8495, 33.2992



Tritanopia

30.4635, 28.7742, 32.8025

Trichromacy



Original Color

30.6260, 28.8392, 33.6581

Protanomaly

28.8757, 28.7838, 35.0443

Deuteranomaly

29.8087, 28.8612, 33.2778

Tritanomaly

30.5444, 28.8066, 33.2285

Monochromacy



Original Color

30.6260, 28.8392, 33.6581

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1480, 29.4214, 32.9968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6260, 28.8392, 33.6581 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, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 139, 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, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 139, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.6260, 28.8392, 33.6581 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, 139, 152) }
```


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

```
.border{ border-color:rgb(166, 139, 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, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 139,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6260, 28.8392, 33.6581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 139, 152) }
```

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

```
.background{ background-color: rgb(166,  
139, 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](#).

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