

Converting Colors

XYZ(28.8541, 31.7224, 35.8553)

Have a look what the booklet for
XYZ(28.8541, 31.7224, 35.8553)
contains.

XYZ(29.0445, 31.9280, 36.0844)	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(29.0445, 31.9280,
36.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9C9C
RGB	142, 156, 156
RGB Percent	56%, 61%, 61%
CMY	0.4431, 0.3882, 0.3882
CMYK	0.09, 0.00, 0.00, 0.39
HSL	180°, 7%, 58%
HSV	180°, 9%, 61%
XYZ	29.0445, 31.9280, 36.0844
YIQ	151.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

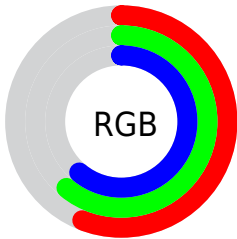
Format	Color
RYB	142, 149, 156
Decimal	9346204
CIELab	63.28, -4.96, -1.71
CIELCh	63, 5.246, 199.014
Yxy	31.9280, 0.2993, 0.3290
Android (android.graphics.Color)	4287536284 (0xFF8E9C9C)
YUV	151.8140, 2.0637, -8.6069
Hunter-Lab	56.5049, -7.1314, 1.6904

Details

The XYZ color **29.0445, 31.9280, 36.0844** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2669, 28.3677, 29.5782**, and the grayscale version is **29.7595, 31.3093, 34.0958**.

A 20% lighter version of the original color is **57.4444, 62.4821, 70.0054**, and **12.0150, 13.3984, 15.3175** is the 20% darker color. If you saturate the color by 10%, you get **26.5531, 30.6445, 35.9673**, and if you desaturate by 10%, it is **31.9124, 33.4073, 36.2205**.

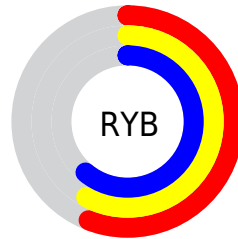
Distribution



Red (56%)

Green (61%)

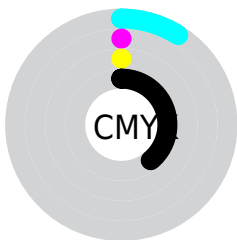
Blue (61%)



Red (56%)

Yellow (58%)

Blue (61%)

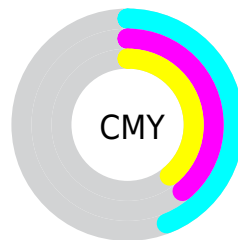


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (44%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0445, 31.9280, 36.0844 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 29.0445, 31.9280, 36.0844 by changing the saturation by 10% instead.

■ 29.0445, 31.9280,
36.0844

■ 29.0445, 31.9280,
36.0844

289.4153,
310.7911, 344.3779

■ 19.2589, 21.3065,
24.2092

■ 57.5448, 62.6982,
70.3328

■ 11.9626, 13.3482,
15.2752

■ 76.9903, 83.6157,
93.5431

■ 6.7903, 7.6688,
8.8640

■ 100.3865,
108.7340, 121.3688

■ 3.3764, 3.8837,
4.5570

128.0988,
138.4375, 154.2285

■ 1.3558, 1.6087,
1.9356

160.4924,
173.1105, 192.5407

■ 0.2244, 0.3635,
0.5153

197.9328,

■ 0.0000, 0.0000,

213.1376, 236.7240

0.0000

240.7853,
258.9030, 287.1969

■ 29.0445, 31.9280,
36.0844

■ 29.0445, 31.9280,
36.0844

■ 26.5531, 30.6445,
35.9673

■ 31.9124, 33.4073,
36.2205

■ 24.4199, 29.5449,
35.8662

■ 35.1686, 35.0859,
36.3741

■ 22.6293, 28.6218,
35.7812

■ 38.8278, 36.9723,
36.5465

■ 21.1635, 27.8662,
35.7114

■ 42.9031, 39.0732,
36.7385

■ 20.0031, 27.2680,
35.6559

■ 47.4071, 41.3950,
36.9505

■ 19.1263, 26.8160,
35.6137

■ 52.3517, 43.9440,
37.1831

■ 18.5091, 26.4978,
35.5836

■ 57.7486, 46.7262,
37.4369

■ 18.1228, 26.2987,
35.5643

■ 59.1318, 47.4392,
37.5028

■ 17.9078, 26.1879,
35.5530

■ 59.1320, 47.4393,
37.5040

Harmonies

Analogous

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



28.9954, 31.9280, 34.0070



29.0445, 31.9280, 36.0844



29.4393, 31.9280, 37.8736

Triad

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



29.0445, 31.9280, 36.0844



31.4137, 31.9280, 37.4557



30.6137, 31.9280, 30.9815

Complementary

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



29.0445, 31.9280, 36.0844



28.2669, 28.3677, 29.5782

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.



31.2724, 31.9280, 31.8298



29.0445, 31.9280, 36.0844



31.7392, 31.9280, 35.5325

Square

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



29.0445, 31.9280, 36.0844



30.8042, 31.9280, 38.6869



31.6871, 31.9280, 33.4765



29.8936, 31.9280, 31.1160

Rectangle

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



29.0445, 31.9280, 36.0844



29.8489, 31.9280, 38.6363



31.6871, 31.9280, 33.4765



30.8498, 31.9280, 31.1598

Sweetspot

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



29.0454, 31.9293, 36.0851



55.7489, 59.5348, 65.6791



27.9672, 31.5027, 30.1982



12.1780, 13.0543, 14.4481



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.0454, 31.9293, 36.0851



51.6791, 57.4368, 65.4869



27.9413, 29.7208, 35.7181



6.8218, 7.5095, 8.4963



14.7334, 21.5613, 29.2825



0.2635, 0.3855, 0.5237

Inverse Universe

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



28.2669, 28.3677, 29.5782



49.9383, 49.4727, 50.9372



29.3045, 30.4431, 29.9232



6.6331, 6.6462, 6.9191



11.2932, 5.8219, 0.5292



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 29.0445, 31.9280, 36.0844 looks on a white background.

Color Contrast Check

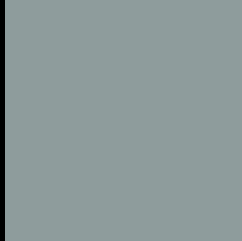
Large Text (above 18pt) WCAG AA × Fail

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 29.0445, 31.9280, 36.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

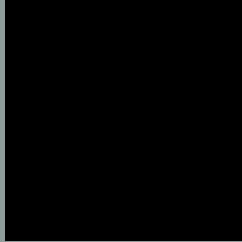
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0445, 31.9280, 36.0844

Background



This preview shows how black text looks on a background with the XYZ color 29.0445, 31.9280, 36.0844.



This preview shows how white text looks on a background with the XYZ color 29.0445, 31.9280,

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

29.0445, 31.9280, 36.0844

Protanopia

30.5785, 31.7581, 35.0901

Deuteranopia

32.4873, 31.7554, 36.7649



Tritanopia

30.0323, 31.8305, 41.1203

Trichromacy



Original Color

29.0445, 31.9280, 36.0844

Protanomaly

29.8853, 31.6331, 35.5410

Deuteranomaly

31.0570, 31.7356, 36.3870

Tritanomaly

29.6599, 31.9267, 39.2496

Monochromacy



Original Color

29.0445, 31.9280, 36.0844

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3537, 31.3783, 34.6465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0445, 31.9280, 36.0844 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, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(142, 156, 156)  
}
```

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, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.0445, 31.9280, 36.0844 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, 156, 156) }
```


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

```
.border{ border-color:rgb(142, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(142, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0445, 31.9280, 36.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 156, 156) }
```

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

```
.background{ background-color: rgb(142,  
156, 156) }
```

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