

Converting Colors

XYZ(29.9316, 29.8398, 36.6709)

Have a look what the booklet for
XYZ(29.9316, 29.8398, 36.6709)
contains.

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Color

**XYZ(29.8145, 29.6880,
36.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	9B919E
RGB	155, 145, 158
RGB Percent	61%, 57%, 62%
CMY	0.3922, 0.4314, 0.3804
CMYK	0.02, 0.08, 0.00, 0.38
HSL	286°, 6%, 59%
HSV	286°, 8%, 62%
XYZ	29.8145, 29.6880, 36.5067
YIQ	149.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

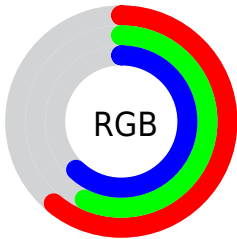
Format	Color
RYB	155, 145, 158
Decimal	10195358
CIELab	61.38, 6.18, -5.52
CIELCh	61, 8.285, 318.209
Yxy	29.6880, 0.3105, 0.3092
Android (android.graphics.Color)	4288385438 (0xFF9B919E)
YUV	149.4720, 4.2043, 4.8481
Hunter-Lab	54.4867, 2.3215, -1.5843

Details

The XYZ color **29.8145, 29.6880, 36.5067** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5516, 32.7948, 31.5621**, and the grayscale version is **28.7490, 30.2462, 32.9381**.

A 20% lighter version of the original color is **58.7282, 59.2063, 71.2834**, and **12.4550, 12.1890, 15.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.8770, 24.8361, 35.7255**, and if you desaturate by 10%, it is **33.1106, 35.2249, 37.4022**.

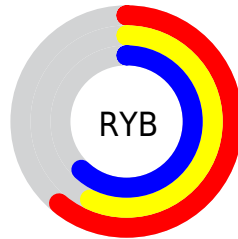
Distribution



Red (61%)

Green (57%)

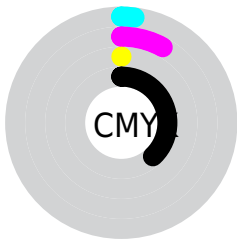
Blue (62%)



Red (61%)

Yellow (57%)

Blue (62%)

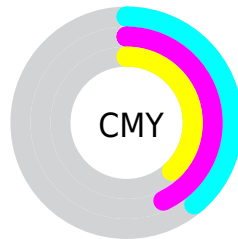


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (38%)



Cyan (39%)

Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8145, 29.6880, 36.5067 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 29.8145, 29.6880, 36.5067 by changing the saturation by 10% instead.

■ 29.8145, 29.6880,
36.5067

■ 29.8145, 29.6880,
36.5067

292.9642,
300.4474, 346.2740

■ 19.8452, 19.6019,
24.5330

■ 58.7573, 59.1684,
70.9913

■ 12.3902, 12.1060,
15.5136

■ 78.4616, 79.3315,
94.3392

■ 7.0841, 6.8159,
9.0300

102.1415,
103.6224, 122.3156

■ 3.5615, 3.3472,
4.6637

130.1626,
132.4255, 155.3391

■ 1.4572, 1.3156,
1.9961

162.8900,
166.1251, 193.8281

■ 0.2964, 0.1532,
0.5529

200.6891,

■ 0.0000, 0.0000,

205.1057, 238.2012

0.0000

243.9254,
249.7517, 288.8770

■ 29.8145, 29.6880,
36.5067

■ 29.8145, 29.6880,
36.5067

■ 26.8770, 24.8361,
35.7255

■ 33.1106, 35.2249,
37.4022

■ 24.2817, 20.6378,
35.0519

■ 36.7760, 41.4690,
38.4142

■ 22.0144, 17.0647,
34.4817

■ 40.8239, 48.4464,
39.5476

■ 20.0590, 14.0850,
34.0096

■ 45.2662, 56.1804,
40.8063

■ 18.3982, 11.6641,
33.6299

■ 50.1143, 64.6935,
42.1940

■ 17.0126, 9.7635,
33.3361

■ 55.3790, 74.0071,
43.7142

■ 15.8803, 8.3400,
33.1210

■ 60.8777, 83.7557,
45.3061

■ 14.9762, 7.3434,
32.9763

■ 61.7413, 84.2009,
45.3465

■ 14.2533, 6.6801,
32.8863

■ 62.6274, 84.6577,
45.3879

Harmonies

Analogous

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



28.8797, 29.6880, 38.3897



29.8145, 29.6880, 36.5067



30.3263, 29.6880, 33.5714

Triad

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



29.8145, 29.6880, 36.5067



28.6494, 29.6880, 26.7813



26.2669, 29.6880, 34.2437

Complementary

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



29.8145, 29.6880, 36.5067



29.5516, 32.7948, 31.5621

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.



26.2089, 29.6880, 31.1102



29.8145, 29.6880, 36.5067



27.5656, 29.6880, 26.9356

Square

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



29.8145, 29.6880, 36.5067



29.6422, 29.6880, 28.0400



26.6787, 29.6880, 28.4758



26.8393, 29.6880, 37.0261

Rectangle

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



29.8145, 29.6880, 36.5067



30.3503, 29.6880, 31.4729



26.6787, 29.6880, 28.4758



26.1871, 29.6880, 33.1927

Sweetspot

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



29.8154, 29.6893, 36.5073



57.7682, 59.9851, 67.2770



28.4450, 29.6800, 36.5778



13.0401, 13.5510, 15.1720



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.8154, 29.6893, 36.5073



53.0426, 52.0828, 66.0008



30.1041, 29.8721, 34.9853



6.7544, 6.6774, 8.3395



11.3531, 5.2818, 26.3283



0.2368, 0.1119, 0.4723

Inverse Universe

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



29.5723, 29.6594, 32.1848



52.5102, 52.0210, 56.3693



29.2873, 32.6272, 32.9664



6.6927, 6.6700, 7.2328



11.5671, 5.9314, 1.9712



0.2213, 0.1118, 0.1113

Previews

White Background



This preview shows how the XYZ color 29.8145, 29.6880, 36.5067 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 29.8145, 29.6880, 36.5067 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 29.8145, 29.6880, 36.5067

Background



This preview shows how black text looks on a background with the XYZ color 29.8145, 29.6880, 36.5067.



This preview shows how white text looks on a background with the XYZ color 29.8145, 29.6880,

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

29.8145, 29.6880, 36.5067

Protanopia

28.9045, 29.6665, 37.0037

Deuteranopia

30.2454, 29.6842, 36.4833



Tritanopia

29.7288, 29.6537, 36.0551

Trichromacy



Original Color

29.8145, 29.6880, 36.5067

Protanomaly

29.2994, 29.6403, 36.9778

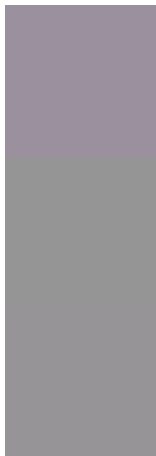
Deuteranomaly

30.0494, 29.5832, 36.4741

Tritanomaly

29.7288, 29.6537, 36.0551

Monochromacy



Original Color

29.8145, 29.6880, 36.5067

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0199, 30.0261, 33.9719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8145, 29.6880, 36.5067 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(155, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 158)  
}
```

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(155, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.8145, 29.6880, 36.5067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

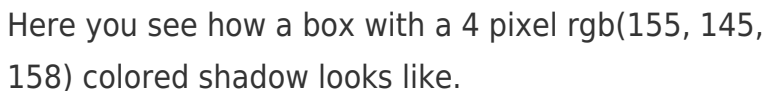
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 145, 158) }
```


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

```
.border{ border-color:rgb(155, 145, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 145, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 145, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 145, 158); box-shadow:4px 4px 4px 4px rgb(155, 145, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8145, 29.6880, 36.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 158) }
```

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

```
.background{ background-color: rgb(155,  
145, 158) }
```

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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