

Converting Colors

XYZ(28.8645, 29.1042, 35.5916)

Have a look what the booklet for
XYZ(28.8645, 29.1042, 35.5916)
contains.

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Color

**XYZ(28.8886, 29.2304,
35.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	97919C
RGB	151, 145, 156
RGB Percent	59%, 57%, 61%
CMY	0.4078, 0.4314, 0.3882
CMYK	0.03, 0.07, 0.00, 0.39
HSL	273°, 5%, 59%
HSV	273°, 7%, 61%
XYZ	28.8886, 29.2304, 35.5719
YIQ	148.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

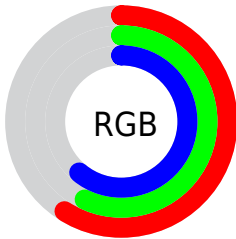
Format	Color
RYB	151, 145, 156
Decimal	9933212
CIELab	60.98, 4.35, -5.01
CIElCh	61, 6.636, 310.917
Yxy	29.2304, 0.3083, 0.3120
Android (android.graphics.Color)	4288123292 (0xFF97919C)
YUV	148.0480, 3.9203, 2.5889
Hunter-Lab	54.0651, 0.7638, -1.1640

Details

The XYZ color **28.8886, 29.2304, 35.5719** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5781, 32.3061, 31.4663**, and the grayscale version is **28.1532, 29.6193, 32.2554**.

A 20% lighter version of the original color is **57.2331, 58.4791, 69.2439**, and **11.8975, 11.9137, 15.0371** is the 20% darker color. If you saturate the color by 10%, you get **25.3899, 24.1284, 34.7720**, and if you desaturate by 10%, it is **32.7956, 35.0304, 36.4859**.

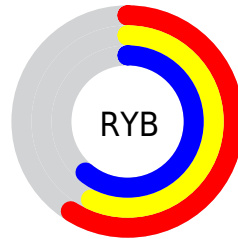
Distribution



Red (59%)

Green (57%)

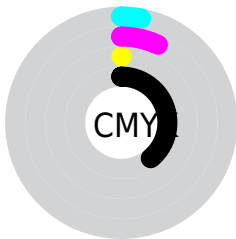
Blue (61%)



Red (59%)

Yellow (57%)

Blue (61%)

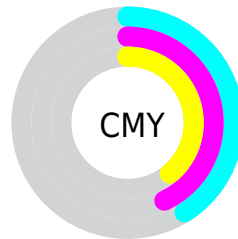


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (39%)



Cyan (41%)

Magenta (43%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8886, 29.2304, 35.5719 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 28.8886, 29.2304, 35.5719 by changing the saturation by 10% instead.

■ 28.8886, 29.2304,
35.5719

■ 28.8886, 29.2304,
35.5719

288.6927,
298.3005, 342.0662

■ 19.1404, 19.2552,
23.8167

■ 57.2988, 58.4429,
69.5324

■ 11.8764, 11.8548,
14.9867

■ 76.6916, 78.4491,
92.5747

■ 6.7312, 6.6449,
8.6636

100.0299,
102.5676, 120.2165

■ 3.3394, 3.2410,
4.4286

127.6792,
131.1830, 152.8763

■ 1.3357, 1.2588,
1.8633

160.0048,
164.6795, 190.9726

■ 0.2097, 0.1090,
0.4692

197.3719,

■ 0.0000, 0.0000,

203.4417, 234.9240

0.0000

240.1461,
247.8539, 285.1490

■ 28.8886, 29.2304,
35.5719

■ 28.8886, 29.2304,
35.5719

■ 25.3899, 24.1284,
34.7720

■ 32.7956, 35.0304,
36.4859

■ 22.2823, 19.6934,
34.0797

■ 37.1221, 41.5504,
37.5164

■ 19.5510, 15.8977,
33.4910

■ 41.8821, 48.8159,
38.6679

■ 17.1793, 12.7100,
33.0007

■ 47.0882, 56.8501,
39.9443

■ 15.1492, 10.0964,
32.6032

■ 52.7525, 65.6754,
41.3492

■ 13.4408, 8.0194,
32.2924

■ 58.8864, 75.3128,
42.8861

■ 12.0320, 6.4372,
32.0613

■ 65.5011, 85.7829,
44.5584

■ 10.8972, 5.3012,
31.9018

■ 67.7012, 87.2931,
44.7339

■ 9.9967, 4.5345,
31.8013

■ 69.7372, 88.3427,
44.8292

Harmonies

Analogous

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



28.0995, 29.2304, 36.7477



28.8886, 29.2304, 35.5719



29.3877, 29.2304, 33.4132

Triad

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



28.8886, 29.2304, 35.5719



28.3311, 29.2304, 27.5257



26.1780, 29.2304, 32.7395

Complementary

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



28.8886, 29.2304, 35.5719



29.5781, 32.3061, 31.4663

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.



26.2371, 29.2304, 30.2917



28.8886, 29.2304, 35.5719



27.4682, 29.2304, 27.3663

Square

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



28.8886, 29.2304, 35.5719



29.0612, 29.2304, 28.8019



26.7052, 29.2304, 28.3545



26.5421, 29.2304, 35.0567

Rectangle

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



28.8886, 29.2304, 35.5719



29.4826, 29.2304, 31.7506



26.7052, 29.2304, 28.3545



26.1492, 29.2304, 31.9034

Sweetspot

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



28.8895, 29.2317, 35.5725



55.9312, 58.2079, 65.4141



28.6066, 30.2765, 35.7891



12.3266, 12.8369, 14.3985



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.



28.8895, 29.2317, 35.5725



51.7301, 52.0032, 64.4379



29.8063, 29.7079, 35.4536



6.6130, 6.6045, 8.3329



8.0743, 3.5915, 26.1749



0.1928, 0.0892, 0.4703

Inverse Universe

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



29.3418, 29.5221, 33.0076



52.6784, 52.6119, 59.0678



28.7058, 31.8531, 31.5733



6.7522, 6.6938, 7.5460



12.2451, 6.2026, 5.5417



0.2400, 0.1193, 0.2101

Previews

White Background



This preview shows how the XYZ color 28.8886, 29.2304, 35.5719 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 28.8886, 29.2304, 35.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

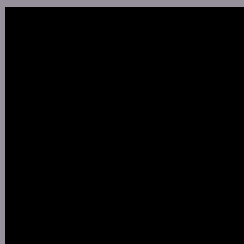
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8886, 29.2304, 35.5719

Background



This preview shows how black text looks on a background with the XYZ color 28.8886, 29.2304, 35.5719.



This preview shows how white text looks on a background with the XYZ color 28.8886, 29.2304,

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

28.8886, 29.2304, 35.5719

Protanopia

28.3973, 29.1951, 36.0368

Deuteranopia

29.7278, 29.2133, 35.5244



Tritanopia

28.8886, 29.2304, 35.5719

Trichromacy



Original Color

28.8886, 29.2304, 35.5719

Protanomaly

28.5774, 29.2880, 36.0452

Deuteranomaly

29.4916, 29.3154, 35.5565

Tritanomaly

28.8886, 29.2304, 35.5719

Monochromacy



Original Color

28.8886, 29.2304, 35.5719

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4141, 29.4914, 33.4730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8886, 29.2304, 35.5719 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(151, 145, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 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(151, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.8886, 29.2304, 35.5719 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(151, 145, 156) }
```


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

```
.border{ border-color:rgb(151, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8886, 29.2304, 35.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 156) }
```

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

```
.background{ background-color: rgb(151,  
145, 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](#).

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