

Converting Colors

XYZ(30.9643, 29.1846, 58.7874)

Have a look what the booklet for
XYZ(30.9643, 29.1846, 58.7874)
contains.

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Color

**XYZ(30.9135, 29.0916,
58.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8EC8
RGB	140, 142, 200
RGB Percent	55%, 56%, 78%
CMY	0.4510, 0.4431, 0.2157
CMYK	0.30, 0.29, 0.00, 0.22
HSL	238°, 35%, 67%
HSV	238°, 30%, 78%
XYZ	30.9135, 29.0916, 58.6295
YIQ	148.0140, -19.8100, 17.6140

Conversions

Conversions Part 2

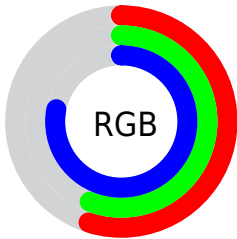
Format	Color
RYB	140, 142, 200
Decimal	9211592
CIELab	60.86, 12.55, -30.19
CIELCh	61, 32.694, 292.573
Yxy	29.0916, 0.2606, 0.2452
Android (android.graphics.Color)	4287401672 (0xFF8C8EC8)
YUV	148.0140, 25.6291, -7.0283
Hunter-Lab	53.9366, 7.9172, -26.6930

Details

The XYZ color **30.9135, 29.0916, 58.6295** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7475, 54.5612, 32.7739**, and the grayscale version is **28.0574, 29.5186, 32.1457**.

A 20% lighter version of the original color is **60.2956, 58.3020, 102.6832**, and **13.0400, 11.8043, 28.7853** is the 20% darker color. If you saturate the color by 10%, you get **25.2135, 22.2476, 57.6094**, and if you desaturate by 10%, it is **37.7268, 37.2514, 59.8459**.

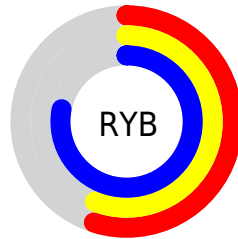
Distribution



Red (55%)

Green (56%)

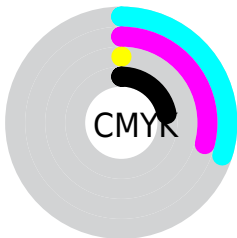
Blue (78%)



Red (55%)

Yellow (56%)

Blue (78%)

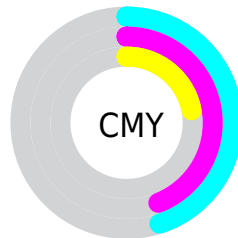


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9135, 29.0916, 58.6295 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 30.9135, 29.0916, 58.6295 by changing the saturation by 10% instead.

■ 30.9135, 29.0916,
58.6295

■ 30.9135, 29.0916,
58.6295

297.9736,
297.6469, 437.1911

■ 20.6845, 19.1501,
41.8969

■ 60.4806, 58.2226,
104.3628

■ 13.0047, 11.7788,
28.6956

■ 80.5495, 78.1809,
134.2006

■ 7.5088, 6.5932,
18.6071

■ 104.6289,
102.2469, 169.2438

■ 3.8314, 3.2090,
11.2128

133.0844,
130.8051, 209.9111

■ 1.6072, 1.2418,
6.0942

166.2813,
164.2398, 256.6209

■ 0.3971, 0.0955,
2.8327

204.5849,

■ 0.0000, 0.0000,

202.9354, 309.7918

1.0099

248.3605,
247.2763, 369.8424

■ 0.0000, 0.0000,
0.0000

■ 30.9135, 29.0916,
58.6295

■ 30.9135, 29.0916,
58.6295

■ 25.2135, 22.2476,
57.6094

■ 37.7268, 37.2514,
59.8459

■ 20.5650, 16.6472,
56.7734

■ 45.7051, 46.7872,
61.2660

■ 16.9045, 12.2169,
56.1112

■ 54.9004, 57.7596,
62.8992

■ 14.1605, 8.8738,
55.6106

■ 65.3606, 70.2246,
64.7539

■ 12.2519, 6.5239,
55.2576

■ 77.1312, 84.2352,
66.8378

■ 11.0834, 5.0579,
55.0362

■ 87.4254, 96.9502,
68.7495

■ 10.4979, 4.3150,
54.9237

■ 10.4978, 4.3149,
54.9237

Harmonies

Analogous

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



26.6060, 29.0916, 61.0738



30.9135, 29.0916, 58.6295



34.6741, 29.0916, 48.1667

Triad

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



30.9135, 29.0916, 58.6295



32.9300, 29.0916, 16.4676



20.3019, 29.0916, 28.7411

Complementary

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



30.9135, 29.0916, 58.6295



48.7475, 54.5612, 32.7739

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.



21.6461, 29.0916, 19.4574



30.9135, 29.0916, 58.6295



28.7223, 29.0916, 13.6520

Square

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



30.9135, 29.0916, 58.6295



35.9192, 29.0916, 23.5019



24.6259, 29.0916, 14.5851



20.7598, 29.0916, 41.5542

Rectangle

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



30.9135, 29.0916, 58.6295



36.2193, 29.0916, 39.2284



24.6259, 29.0916, 14.5851



20.5528, 29.0916, 25.1607

Sweetspot

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



30.9145, 29.0927, 58.6302



80.4316, 82.5575, 106.3037



41.5482, 50.9158, 60.4618



16.7456, 17.1094, 22.6698



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.9145, 29.0927, 58.6302



46.8790, 42.3952, 100.3200



35.7405, 31.1427, 58.7715



10.0846, 10.3432, 13.3824



6.6879, 2.7697, 34.9265



0.3268, 0.1514, 1.6571

Inverse Universe

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



38.0808, 32.9894, 29.9529



61.2797, 50.2882, 42.6790



42.6222, 52.0869, 32.6192



10.6480, 10.6426, 11.1295



15.1751, 7.8196, 0.8658



0.7236, 0.3723, 0.0679

Previews

White Background



This preview shows how the XYZ color 30.9135, 29.0916, 58.6295 looks on a white background.

Color Contrast Check

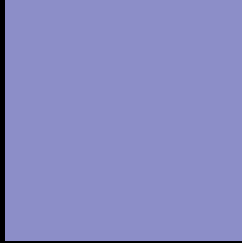
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9135, 29.0916, 58.6295 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 30.9135, 29.0916, 58.6295

Background



This preview shows how black text looks on a background with the XYZ color 30.9135, 29.0916, 58.6295.



This preview shows how white text looks on a background with the XYZ color 30.9135, 29.0916,

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

30.9135, 29.0916, 58.6295

Protanopia

29.9920, 29.2609, 59.9443

Deuteranopia

29.7943, 29.1996, 58.0986



Tritanopia

26.6962, 28.9736, 37.9036

Trichromacy



Original Color

30.9135, 29.0916, 58.6295

Protanomaly

30.3474, 29.2319, 59.3012

Deuteranomaly

30.1136, 29.1384, 58.0699

Tritanomaly

28.0084, 28.8038, 44.6409

Monochromacy



Original Color

30.9135, 29.0916, 58.6295

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9310, 29.3675, 40.7029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9135, 29.0916, 58.6295 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(140, 142, 200)` looks like.

```
.text, #text, p{  
    color:rgb(140, 142, 200)  
}
```

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(140, 142, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 142, 200) }
```

Border

The CSS property to change the border of an element to XYZ 30.9135, 29.0916, 58.6295 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(140, 142, 200) }
```


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

```
.border{ border-color:rgb(140, 142, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 142, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 142, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 142, 200);  
box-shadow:4px 4px 4px 4px rgb(140, 142,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9135, 29.0916, 58.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 142, 200) }
```

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

```
.background{ background-color: rgb(140,  
142, 200) }
```

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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