

Converting Colors

XYZ(30.4674, 28.7839, 57.4312)

Have a look what the booklet for
XYZ(30.4674, 28.7839, 57.4312)
contains.

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Color

**XYZ(30.5135, 28.9122,
57.3985)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8EC6
RGB	139, 142, 198
RGB Percent	55%, 56%, 78%
CMY	0.4549, 0.4431, 0.2235
CMYK	0.30, 0.28, 0.00, 0.22
HSL	237°, 34%, 66%
HSV	237°, 30%, 78%
XYZ	30.5135, 28.9122, 57.3985
YIQ	147.4870, -19.7640, 16.7800

Conversions

Conversions Part 2

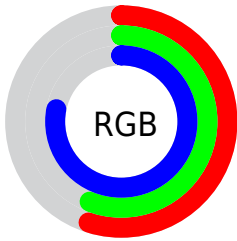
Format	Color
R_{YB}	139, 142, 198
Decimal	9146054
CIE Lab	60.70, 11.74, -29.32
CIE LCh	61, 31.580, 291.830
Yxy	28.9122, 0.2612, 0.2475
Android (android.graphics.Color)	4287336134 (0xFF8B8EC6)
YUV	147.4870, 24.9029, -7.4431
Hunter-Lab	53.7701, 7.1978, -25.6519

Details

The XYZ color **30.5135, 28.9122, 57.3985** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.4645, 52.9005, 32.1362**, and the grayscale version is **27.8415, 29.2914, 31.8983**.

A 20% lighter version of the original color is **60.0381, 58.1692, 102.6712**, and **12.7917, 11.6941, 27.9686** is the 20% darker color. If you saturate the color by 10%, you get **24.9377, 22.2316, 56.4034**, and if you desaturate by 10%, it is **37.1614, 36.8466, 58.5801**.

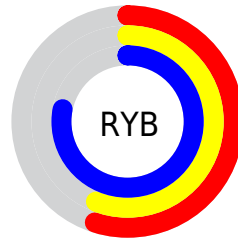
Distribution



Red (55%)

Green (56%)

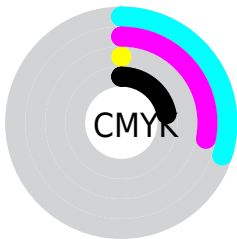
Blue (78%)



Red (55%)

Yellow (56%)

Blue (78%)

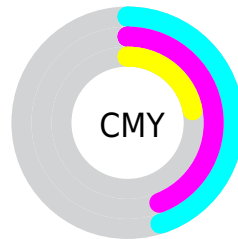


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5135, 28.9122, 57.3985 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 30.5135, 28.9122, 57.3985 by changing the saturation by 10% instead.

■ 30.5135, 28.9122,
57.3985

■ 30.5135, 28.9122,
57.3985

296.1578,
296.8005, 432.4764

■ 20.3787, 19.0144,
40.9138

■ 59.8544, 57.9376,
102.5525

■ 12.7805, 11.6807,
27.9325

■ 79.7911, 77.8339,
132.0589

■ 7.3535, 6.5266,
18.0362

■ 103.7259,
101.8319, 166.7429

■ 3.7324, 3.1679,
10.8063

132.0241,
130.3160, 207.0231

■ 1.5519, 1.2200,
5.8242

165.0510,
163.6705, 253.3180

■ 0.3607, 0.0779,
2.6714

203.1720,

■ 0.0000, 0.0000,

202.2798, 306.0461

0.9290

246.7525,
246.5283, 365.6261

■ 0.0000, 0.0000,
0.0000

■ 30.5135, 28.9122,
57.3985

■ 30.5135, 28.9122,
57.3985

■ 24.9377, 22.2316,
56.4034

■ 37.1614, 36.8466,
58.5801

■ 20.3752, 16.7374,
55.5834

■ 44.9303, 46.0906,
59.9549

■ 16.7657, 12.3611,
54.9289

■ 53.8698, 56.7010,
61.5318

■ 14.0418, 9.0259,
54.4287

■ 64.0254, 68.7302,
63.3184

■ 12.1268, 6.6454,
54.0702

■ 75.4405, 82.2278,
65.3220

■ 10.9311, 5.1189,
53.8385

■ 87.1172, 96.7054,
67.5011

■ 10.3116, 4.3068,
53.7144

■ 87.1931, 96.8573,
67.5264

■ 10.3024, 4.2958,
53.7128

Harmonies

Analogous

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



26.3762, 28.9122, 59.4954



30.5135, 28.9122, 57.3985



34.1474, 28.9122, 47.5754

Triad

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



30.5135, 28.9122, 57.3985



32.6395, 28.9122, 16.8710



20.3994, 28.9122, 28.3830

Complementary

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



30.5135, 28.9122, 57.3985



47.4645, 52.9005, 32.1362

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.



21.7427, 28.9122, 19.4990



30.5135, 28.9122, 57.3985



28.6145, 28.9122, 14.0183

Square

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



30.5135, 28.9122, 57.3985



35.4572, 28.9122, 23.8172



24.6549, 28.9122, 14.8435



20.7994, 28.9122, 40.6330

Rectangle

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



30.5135, 28.9122, 57.3985



35.6615, 28.9122, 39.0497



24.6549, 28.9122, 14.8435



20.6569, 28.9122, 24.9586

Sweetspot

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



30.5145, 28.9133, 57.3992



80.5454, 82.7850, 106.3417



40.5874, 49.7759, 58.5473



16.7733, 17.1648, 22.6790



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.



30.5145, 28.9133, 57.3992



47.1736, 42.9844, 100.4182



34.8536, 30.4964, 57.4760



10.0992, 10.3725, 13.3873



6.7189, 2.8317, 34.9368



0.3336, 0.1650, 1.6594

Inverse Universe

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



37.4046, 32.4250, 29.8796



61.4284, 50.3477, 43.4621



41.9636, 51.0727, 32.0734



10.6554, 10.6455, 11.1685



15.1907, 7.8258, 0.9482



0.7271, 0.3737, 0.0859

Previews

White Background



This preview shows how the XYZ color 30.5135, 28.9122, 57.3985 looks on a white background.

Color Contrast Check

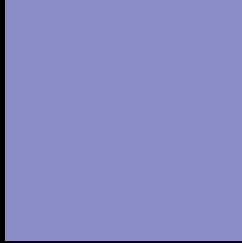
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5135, 28.9122, 57.3985 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 30.5135, 28.9122, 57.3985

Background



This preview shows how black text looks on a background with the XYZ color 30.5135, 28.9122, 57.3985.



This preview shows how white text looks on a background with the XYZ color 30.5135, 28.9122,

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

30.5135, 28.9122, 57.3985

Protanopia

29.6045, 28.8625, 58.6543

Deuteranopia

29.6820, 28.9293, 57.4456



Tritanopia

26.5405, 28.8934, 37.8964

Trichromacy



Original Color

30.5135, 28.9122, 57.3985

Protanomaly

29.8041, 28.7550, 58.0123

Deuteranomaly

30.0072, 28.8730, 57.4176

Tritanomaly

27.7504, 28.6821, 44.1180

Monochromacy



Original Color

30.5135, 28.9122, 57.3985

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5099, 28.9333, 40.1584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5135, 28.9122, 57.3985 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(139, 142, 198)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 198)  
}
```

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(139, 142, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 198) }
```

Border

The CSS property to change the border of an element to XYZ 30.5135, 28.9122, 57.3985 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(139, 142, 198) }
```


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

```
.border{ border-color:rgb(139, 142, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 142, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 198);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5135, 28.9122, 57.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 198) }
```

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

```
.background{ background-color: rgb(139,  
142, 198) }
```

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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