

Converting Colors

XYZ(29.6170, 28.3332, 57.0682)

Have a look what the booklet for
XYZ(29.6170, 28.3332, 57.0682)
contains.

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Color

**XYZ(29.5494, 28.1953,
57.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	868DC6
RGB	134, 141, 198
RGB Percent	53%, 55%, 78%
CMY	0.4745, 0.4470, 0.2235
CMYK	0.32, 0.29, 0.00, 0.22
HSL	233°, 36%, 65%
HSV	233°, 32%, 78%
XYZ	29.5494, 28.1953, 57.3109
YIQ	145.4050, -22.4690, 16.2430

Conversions

Conversions Part 2

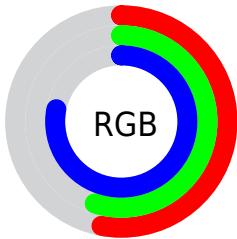
Format	Color
RYB	134, 140, 198
Decimal	8818118
CIELab	60.06, 10.85, -30.34
CIELCh	60, 32.219, 289.687
Yxy	28.1953, 0.2568, 0.2451
Android (android.graphics.Color)	4287008198 (0xFF868DC6)
YUV	145.4050, 25.9293, -10.0022
Hunter-Lab	53.0992, 6.4105, -26.8232

Details

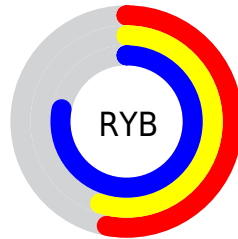
The XYZ color **29.5494, 28.1953, 57.3109** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.2231, 50.9890, 29.9609**, and the grayscale version is **26.9834, 28.3887, 30.9153**.

A 20% lighter version of the original color is **58.5514, 57.0690, 102.5372**, and **12.2548, 11.2896, 27.9188** is the 20% darker color. If you saturate the color by 10%, you get **24.2877, 21.9258, 56.3786**, and if you desaturate by 10%, it is **35.8179, 35.5996, 58.4102**.

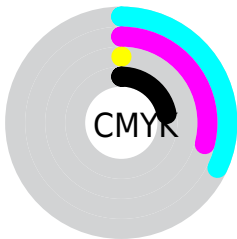
Distribution



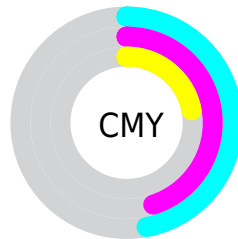
- Red (53%)
- Green (55%)
- Blue (78%)



- Red (53%)
- Yellow (55%)
- Blue (78%)



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5494, 28.1953, 57.3109 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 29.5494, 28.1953, 57.3109 by changing the saturation by 10% instead.

■ 29.5494, 28.1953,
57.3109

■ 29.5494, 28.1953,
57.3109

291.7461,
293.3990, 432.1396

■ 19.6432, 18.4729,
40.8439

■ 58.3404, 56.7961,
102.4235

■ 12.2427, 11.2901,
27.8783

■ 77.9559, 76.4433,
131.9062

■ 6.9826, 6.2623,
17.9957

■ 101.5385,
100.1676, 166.5645

■ 3.4974, 3.0052,
10.7775

129.4536,
128.3534, 206.8170

■ 1.4219, 1.1345,
5.8051

162.0666,
161.3850, 253.0822

■ 0.2718, 0.0072,
2.6601

199.7427,

■ 0.0000, 0.0000,

199.6469, 305.7787

0.9232

242.8474,
243.5234, 365.3250

■ 0.0000, 0.0000,
0.0000

■ 29.5494, 28.1953,
57.3109

■ 29.5494, 28.1953,
57.3109

■ 24.2877, 21.9258,
56.3786

■ 35.8179, 35.5996,
58.4102

■ 19.9773, 16.7316,
55.6032

■ 43.1389, 44.1876,
59.6820

■ 16.5617, 12.5530,
54.9767

■ 51.5591, 54.0094,
61.1340

■ 13.9773, 9.3227,
54.4894

■ 61.1213, 65.1111,
62.7728

■ 12.1518, 6.9655,
54.1306

■ 71.8660, 77.5366,
64.6049

■ 11.0003, 5.3942,
53.8880

■ 83.8318, 91.3275,
66.6362

■ 10.4735, 4.6381,
53.7698

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



25.4092, 28.1953, 58.7743



29.5494, 28.1953, 57.3109



33.2857, 28.1953, 47.7878

Triad

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



29.5494, 28.1953, 57.3109



32.2418, 28.1953, 16.4771



19.7533, 28.1953, 26.8249

Complementary

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



29.5494, 28.1953, 57.3109



46.2231, 50.9890, 29.9609

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.



21.2147, 28.1953, 18.2651



29.5494, 28.1953, 57.3109



28.2381, 28.1953, 13.3863

Square

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



29.5494, 28.1953, 57.3109



34.9468, 28.1953, 23.6909



24.2244, 28.1953, 13.9442



20.0273, 28.1953, 38.9706

Rectangle

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



29.5494, 28.1953, 57.3109



34.9116, 28.1953, 39.2432



24.2244, 28.1953, 13.9442



20.0516, 28.1953, 23.4962

Sweetspot

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



29.5504, 28.1964, 57.3116



79.4610, 81.8366, 106.2157



39.3790, 49.1982, 56.4427



16.5741, 17.0094, 22.6595



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.



29.5504, 28.1964, 57.3116



45.3875, 41.6714, 100.2590



32.9247, 28.4517, 57.1830



10.1485, 10.4711, 13.4037



6.8427, 3.0793, 34.9781



0.3563, 0.2103, 1.6670

Inverse Universe

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



36.6223, 30.9800, 29.2499



59.9754, 47.6551, 42.3199



41.8348, 51.0476, 30.2034



10.6802, 10.6555, 11.2995



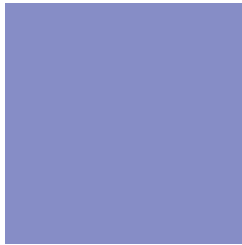
15.2532, 7.8508, 1.2773



0.7385, 0.3782, 0.1462

Previews

White Background



This preview shows how the XYZ color 29.5494, 28.1953, 57.3109 looks on a white background.

Color Contrast Check

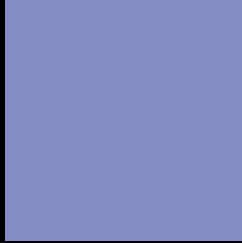
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5494, 28.1953, 57.3109 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 29.5494, 28.1953, 57.3109

Background



This preview shows how black text looks on a background with the XYZ color 29.5494, 28.1953, 57.3109.



This preview shows how white text looks on a background with the XYZ color 29.5494, 28.1953,

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

29.5494, 28.1953, 57.3109

Protanopia

29.0334, 28.3576, 57.9762

Deuteranopia

28.9176, 28.3113, 57.3666



Tritanopia

25.5393, 28.1535, 37.3458

Trichromacy



Original Color

29.5494, 28.1953, 57.3109

Protanomaly

29.1877, 28.2153, 57.9406

Deuteranomaly

29.0720, 28.1690, 57.3310

Tritanomaly

26.8186, 27.9739, 44.0304

Monochromacy



Original Color

29.5494, 28.1953, 57.3109

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6586, 28.2896, 39.1246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5494, 28.1953, 57.3109 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(134, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(134, 141, 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(134, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 141, 198) }
```

Border

The CSS property to change the border of an element to XYZ 29.5494, 28.1953, 57.3109 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(134, 141, 198) }
```


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

```
.border{ border-color:rgb(134, 141, 198) }
```

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

Here you see how a box with a 4 pixel rgb(134, 141, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 141, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 141, 198);  
box-shadow:4px 4px 4px 4px rgb(134, 141,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5494, 28.1953, 57.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 141, 198) }
```

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

```
.background{ background-color: rgb(134,  
141, 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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