

Converting Colors

XYZ(28.8916, 31.3649, 57.9574)

Have a look what the booklet for
XYZ(28.8916, 31.3649, 57.9574)
contains.

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Color

**XYZ(28.8916, 31.3649,
57.9574)**

Conversions

Conversions Part 1

Format	Color
Hex	719CC6
RGB	113, 156, 198
RGB Percent	44%, 61%, 78%
CMY	0.5568, 0.3882, 0.2235
CMYK	0.43, 0.21, 0.00, 0.22
HSL	210°, 43%, 61%
HSV	210°, 43%, 78%
XYZ	28.8916, 31.3649, 57.9574
YIQ	147.9310, -39.1100, 3.9460

Conversions

Conversions Part 2

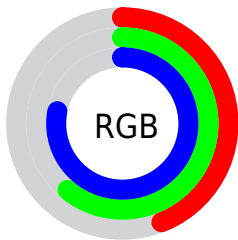
Format	Color
R _Y B	113, 142, 198
Decimal	7445702
CIE Lab	62.81, -3.53, -26.20
CIE LCh	63, 26.436, 262.325
Yxy	31.3649, 0.2444, 0.2653
Android (android.graphics.Color)	4285635782 (0xFF719CC6)
YUV	147.9310, 24.6840, -30.6345
Hunter-Lab	56.0044, -5.9229, -22.1545

Details

The XYZ color **28.8916, 31.3649, 57.9574** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.9915, 36.6417, 20.6941**, and the grayscale version is **28.0325, 29.4924, 32.1172**.

A 20% lighter version of the original color is **57.2450, 61.6380, 103.4879**, and **11.8892, 13.0466, 28.2772** is the 20% darker color. If you saturate the color by 10%, you get **25.0407, 27.0405, 57.3262**, and if you desaturate by 10%, it is **33.4325, 36.2427, 58.6601**.

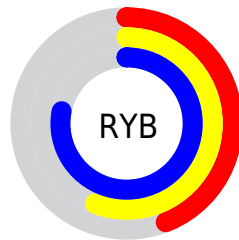
Distribution



Red (44%)

Green (61%)

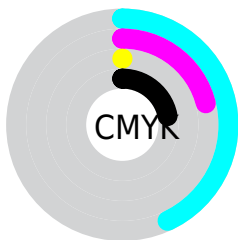
Blue (78%)



Red (44%)

Yellow (56%)

Blue (78%)

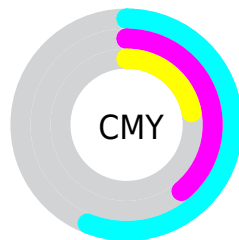


Cyan (43%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (39%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8916, 31.3649, 57.9574 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 28.8916, 31.3649, 57.9574 by changing the saturation by 10% instead.

■ 28.8916, 31.3649,
57.9574

■ 28.8916, 31.3649,
57.9574

288.7066,
308.2159, 434.6210

■ 19.1427, 20.8769,
41.3599

■ 57.3036, 61.8141,
103.3750

■ 11.8781, 13.0340,
28.2786

■ 76.6973, 82.5441,
133.0322

■ 6.7323, 7.4520,
18.2949

■ 100.0368,
107.4568, 167.8797

■ 3.3401, 3.7463,
10.9903

127.6873,
136.9367, 208.3361

■ 1.3361, 1.5327,
5.9462

160.0141,
171.3682, 254.8198

■ 0.2100, 0.3116,
2.7441

197.3827,

■ 0.0000, 0.0000,

211.1356, 307.7496

0.9655

240.1584,
256.6234, 367.5438

■ 0.0000, 0.0000,
0.0000

■ 28.8916, 31.3649,
57.9574

■ 28.8916, 31.3649,
57.9574

■ 25.0407, 27.0405,
57.3262

■ 33.4325, 36.2427,
58.6601

■ 21.8372, 23.2409,
56.7617

■ 38.6965, 41.6933,
59.4348

■ 19.2378, 19.9397,
56.2615

■ 44.7182, 47.7396,
60.2845

■ 17.1924, 17.1060,
55.8223

■ 51.5289, 54.4020,
61.2115

■ 15.6409, 14.7038,
55.4404

■ 59.1581, 61.6995,
62.2179

■ 14.7663, 13.2235,
55.2008

■ 67.6335, 69.6505,
63.3059

■ 76.9818, 78.2726,
64.4774

■ 80.9331, 84.3372,
65.4398

■ 83.8002, 90.0713,
66.3954

Harmonies

Analogous

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



25.7570, 31.3649, 52.4807



28.8916, 31.3649, 57.9574



32.5340, 31.3649, 56.1058

Triad

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



28.8916, 31.3649, 57.9574



36.7238, 31.3649, 27.1254



24.6352, 31.3649, 23.3603

Complementary

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



28.8916, 31.3649, 57.9574



37.9915, 36.6417, 20.6941

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.



27.2451, 31.3649, 18.8324



28.8916, 31.3649, 57.9574



34.2704, 31.3649, 20.6797

Square

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



28.8916, 31.3649, 57.9574



37.2542, 31.3649, 36.8826



30.7505, 31.3649, 17.9616



23.4324, 31.3649, 31.5578

Rectangle

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



28.8916, 31.3649, 57.9574



34.7474, 31.3649, 51.1083



30.7505, 31.3649, 17.9616



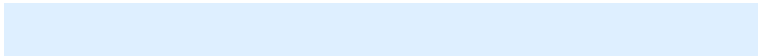
25.3665, 31.3649, 21.4328

Sweetspot

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



28.8926, 31.3661, 57.9581



78.8837, 84.2367, 106.7094



32.8448, 46.2356, 37.8026



16.3492, 17.4981, 22.7657



0.0000, 0.0000, 0.0000



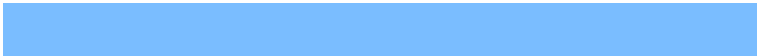
20.3446, 21.4041, 23.3091

Same Dimension

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



28.8926, 31.3661, 57.9581



44.4339, 47.9891, 101.5286



23.0686, 19.7179, 56.0168



10.4927, 11.1595, 13.5185



9.6885, 8.7710, 35.9267



0.5312, 0.5601, 1.7253

Inverse Universe

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



35.1955, 26.2174, 34.6592



57.4863, 38.9725, 52.9106



46.1418, 52.9423, 23.4109



10.8540, 10.7250, 12.2143



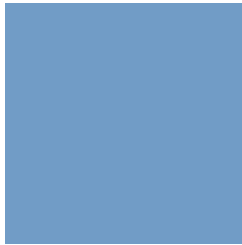
16.6897, 8.4254, 8.8416



0.8268, 0.4136, 0.6111

Previews

White Background



This preview shows how the XYZ color 28.8916, 31.3649, 57.9574 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.8916, 31.3649, 57.9574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

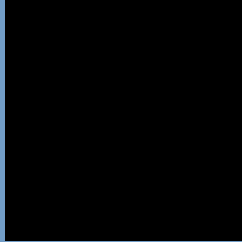
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.8916, 31.3649, 57.9574

Background



This preview shows how black text looks on a background with the XYZ color 28.8916, 31.3649, 57.9574.

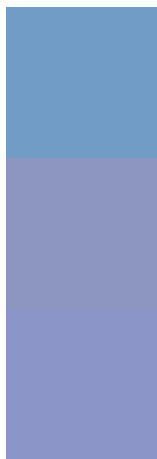


This preview shows how white text looks on a background with the XYZ color 28.8916, 31.3649,

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

28.8916, 31.3649, 57.9574

Protanopia

31.3472, 31.2384, 54.8295

Deuteranopia

31.9880, 31.2405, 58.9876



Tritanopia

26.0575, 31.2229, 44.1884

Trichromacy



Original Color

28.8916, 31.3649, 57.9574

Protanomaly

30.2845, 31.1424, 56.0447

Deuteranomaly

30.7430, 31.3258, 58.4590

Tritanomaly

27.1483, 31.4249, 48.8907

Monochromacy



Original Color

28.8916, 31.3649, 57.9574

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9412, 30.0373, 40.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8916, 31.3649, 57.9574 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(113, 156, 198)` looks like.

```
.text, #text, p{  
    color:rgb(113, 156, 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(113, 156, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 156, 198) }
```

Border

The CSS property to change the border of an element to XYZ 28.8916, 31.3649, 57.9574 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(113, 156, 198) }
```


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

```
.border{ border-color:rgb(113, 156, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 156, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 156, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 156, 198); box-shadow:4px 4px 4px 4px rgb(113, 156, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8916, 31.3649, 57.9574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 156, 198) }
```

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

```
.background{ background-color: rgb(113,  
156, 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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