

Converting Colors

XYZ(21.2919, 28.1044, 18.6580)

Have a look what the booklet for
XYZ(21.2919, 28.1044, 18.6580)
contains.

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Color

**XYZ(21.2917, 28.0575,
18.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	719B6D
RGB	113, 155, 109
RGB Percent	44%, 61%, 43%
CMY	0.5569, 0.3921, 0.5725
CMYK	0.27, 0.00, 0.30, 0.39
HSL	115°, 19%, 52%
HSV	115°, 30%, 61%
XYZ	21.2917, 28.0575, 18.7615
YIQ	137.1980, -10.2660, -23.2100

Conversions

Conversions Part 2

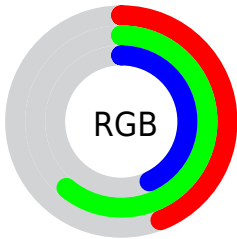
Format	Color
RYB	109, 155, 151
Decimal	7445357
CIELab	59.94, -23.67, 19.64
CIELCh	60, 30.754, 140.312
Yxy	28.0575, 0.3126, 0.4119
Android (android.graphics.Color)	4285635437 (0xFF719B6D)
YUV	137.1980, -13.9016, -21.2216
Hunter-Lab	52.9693, -20.9460, 16.0783

Details

The XYZ color **21.2917, 28.0575, 18.7615** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.1488, 19.8840, 33.5770**, and the grayscale version is **23.9071, 25.1521, 27.3907**.

A 20% lighter version of the original color is **45.2055, 56.7734, 42.2940**, and **7.8425, 11.2943, 6.1816** is the 20% darker color. If you saturate the color by 10%, you get **18.8489, 26.8871, 14.6690**, and if you desaturate by 10%, it is **24.1671, 29.4356, 23.6436**.

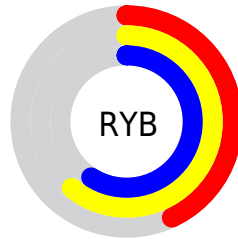
Distribution



Red (44%)

Green (61%)

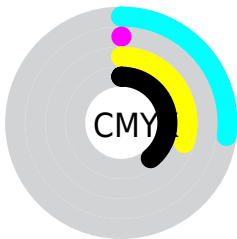
Blue (43%)



Red (43%)

Yellow (61%)

Blue (59%)

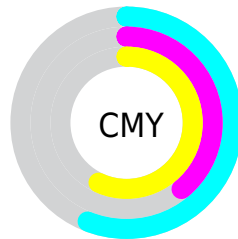


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (39%)



Cyan (56%)

Magenta (39%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2917, 28.0575, 18.7615 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 21.2917, 28.0575, 18.7615 by changing the saturation by 10% instead.

■ 21.2917, 28.0575,
18.7615

■ 21.2917, 28.0575,
18.7615

251.5272,
292.7416, 257.5076

■ 13.4511, 18.3690,
11.3230

■ 45.0601, 56.5762,
42.1620

■ 7.8190, 11.2152,
6.1676

■ 61.7186, 76.1753,
58.9611

■ 4.0302, 6.2118,
2.8768

■ 82.0471, 99.8466,
79.7175

■ 1.7192, 2.9743,
1.0321

■ 106.4110,
127.9746, 104.8497

■ 0.4683, 1.1183,
0.0000

135.1756,
160.9437, 134.7763

■ 0.0000, 0.0000,
0.0000

168.7062,

199.1383, 169.9158

207.3683,
242.9428, 210.6867

■ 21.2917, 28.0575,
18.7615

■ 21.2917, 28.0575,
18.7615

■ 18.8489, 26.8871,
14.6690

■ 24.1671, 29.4356,
23.6436

■ 16.8157, 25.9109,
11.3229

■ 27.4924, 31.0269,
29.3516

■ 15.1703, 25.1194,
8.6788

■ 31.2865, 32.8414,
35.9222

■ 13.8877, 24.5010,
6.6866

■ 35.5667, 34.8871,
43.3889

■ 12.9404, 24.0426,
5.2898

■ 40.3494, 37.1718,
51.7836

■ 12.2966, 23.7292,
4.4223

■ 45.6501, 39.7028,
61.1368

■ 11.9047, 23.5377,
3.9301

■ 51.4837, 42.4874,
71.4773

■ 11.8949, 23.5330,
3.9154

■ 57.8647, 45.5322,
82.8328

■ 64.8068, 48.8437,
95.2301

Harmonies

Analogous

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



24.1428, 28.0575, 14.4820



21.2917, 28.0575, 18.7615



19.9235, 28.0575, 27.0684

Triad

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



21.2917, 28.0575, 18.7615



25.4228, 28.0575, 57.0620



34.3564, 28.0575, 23.6700

Complementary

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



21.2917, 28.0575, 18.7615



24.1488, 19.8840, 33.5770

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.



34.7846, 28.0575, 34.3177



21.2917, 28.0575, 18.7615



29.3630, 28.0575, 55.5118

Square

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



21.2917, 28.0575, 18.7615



22.1499, 28.0575, 50.2901



32.8803, 28.0575, 46.4624



31.7618, 28.0575, 16.7981

Rectangle

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



21.2917, 28.0575, 18.7615



19.9352, 28.0575, 34.5675



32.8803, 28.0575, 46.4624



34.7676, 28.0575, 26.8562

Sweetspot

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



21.2924, 28.0587, 18.7621



49.5547, 55.7169, 53.1169



27.2494, 30.0146, 18.8257



11.0194, 12.5170, 11.6831



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.



21.2924, 28.0587, 18.7621



34.9785, 48.7367, 28.3074



21.8858, 28.2379, 24.5134



6.1795, 6.9500, 6.6216



9.5690, 18.9089, 3.1454



0.1546, 0.2887, 0.0476

Inverse Universe

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



24.1488, 19.8840, 33.5770



40.9798, 31.5413, 59.4645



23.4739, 19.7013, 26.0833



6.4083, 6.2963, 7.8065



13.6629, 6.4945, 25.4412



0.2177, 0.1040, 0.3810

Previews

White Background



This preview shows how the XYZ color 21.2917, 28.0575, 18.7615 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 21.2917, 28.0575, 18.7615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

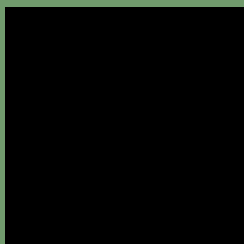
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2917, 28.0575, 18.7615

Background



This preview shows how black text looks on a background with the XYZ color 21.2917, 28.0575, 18.7615.



This preview shows how white text looks on a background with the XYZ color 21.2917, 28.0575,

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

21.2917, 28.0575, 18.7615

Protanopia

25.9895, 27.9146, 17.1150

Deuteranopia

28.2176, 27.6940, 19.4810



Tritanopia

24.9611, 27.8554, 37.3188

Trichromacy



Original Color

21.2917, 28.0575, 18.7615

Protanomaly

24.0066, 27.7959, 17.7355

Deuteranomaly

25.1106, 27.4123, 19.2969

Tritanomaly

23.4821, 27.9782, 29.3620

Monochromacy



Original Color

21.2917, 28.0575, 18.7615

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.7061, 26.0680, 23.9136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2917, 28.0575, 18.7615 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, 155, 109)` looks like.

```
.text, #text, p{  
    color:rgb(113, 155, 109)  
}
```

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, 155, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 155, 109) }
```

Border

The CSS property to change the border of an element to XYZ 21.2917, 28.0575, 18.7615 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, 155, 109) }
```


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

```
.border{ border-color:rgb(113, 155, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 155, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 155, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 155, 109);  
box-shadow:4px 4px 4px 4px rgb(113, 155,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2917, 28.0575, 18.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 155, 109) }
```

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

```
.background{ background-color: rgb(113,  
155, 109) }
```

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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