

Converting Colors

XYZ(28.9682, 28.8443, 23.4590)

Have a look what the booklet for
XYZ(28.9682, 28.8443, 23.4590)
contains.

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Color

**XYZ(28.8917, 28.8260,
23.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	A58E7D
RGB	165, 142, 125
RGB Percent	65%, 56%, 49%
CMY	0.3529, 0.4431, 0.5098
CMYK	0.00, 0.14, 0.24, 0.35
HSL	26°, 18%, 57%
HSV	26°, 24%, 65%
XYZ	28.8917, 28.8260, 23.4433
YIQ	146.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

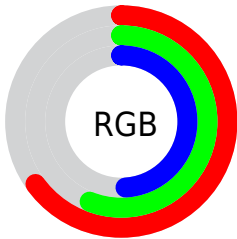
Format	Color
R_{YB}	165, 155, 125
Decimal	10849917
CIE _{Lab}	60.63, 5.90, 12.25
CIE _{LCh}	61, 13.591, 64.292
Yxy	28.8260, 0.3560, 0.3552
Android (android.graphics.Color)	4289039997 (0xFFA58E7D)
YUV	146.9390, -10.8159, 15.8395
Hunter-Lab	53.6899, 2.0976, 11.6943

Details

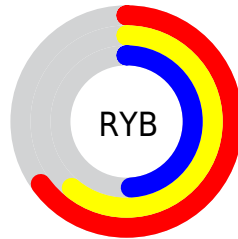
The XYZ color **28.8917, 28.8260, 23.4433** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8386, 28.2556, 39.6894**, and the grayscale version is **27.7463, 29.1913, 31.7893**.

A 20% lighter version of the original color is **57.2910, 57.9099, 50.2776**, and **11.9417, 11.6868, 8.4639** is the 20% darker color. If you saturate the color by 10%, you get **26.5723, 25.7362, 17.8947**, and if you desaturate by 10%, it is **31.5079, 32.2288, 29.9554**.

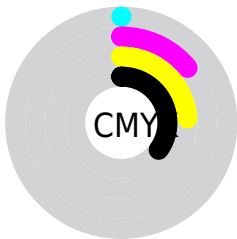
Distribution



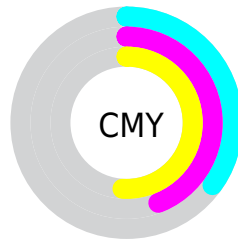
- Red (65%)
- Green (56%)
- Blue (49%)



- Red (65%)
- Yellow (61%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8917, 28.8260, 23.4433 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 28.8917, 28.8260, 23.4433 by changing the saturation by 10% instead.

■ 28.8917, 28.8260,
23.4433

■ 28.8917, 28.8260,
23.4433

288.7071,
296.3931, 283.1891

■ 19.1428, 18.9492,
14.7128

■ 57.3037, 57.8005,
50.0526

■ 11.8781, 11.6336,
8.4737

■ 76.6975, 77.6671,
68.7685

■ 6.7323, 6.4947,
4.3074

■ 100.0370,
101.6323, 91.6499

■ 3.3401, 3.1482,
1.7955

127.6876,
130.0807, 119.1154

■ 1.3361, 1.2096,
0.4250

160.0145,
163.3965, 151.5836

■ 0.2100, 0.0695,
0.0000

197.3831,

■ 0.0000, 0.0000,

201.9643, 189.4729

0.0000

240.1589,
246.1684, 233.2019

■ 28.8917, 28.8260,
23.4433

■ 28.8917, 28.8260,
23.4433

■ 26.5723, 25.7362,
17.8947

■ 31.5079, 32.2288,
29.9554

■ 24.5358, 22.9459,
13.2613

■ 34.4295, 35.9495,
37.4727

■ 22.7705, 20.4467,
9.4934

■ 37.6676, 39.9981,
46.0362

■ 21.2629, 18.2278,
6.5355

■ 41.2321, 44.3828,
55.6846

■ 19.9979, 16.2780,
4.3258

■ 45.1322, 49.1114,
66.4541

■ 18.9590, 14.5847,
2.7932

■ 49.3770, 54.1917,
78.3796

■ 18.1262, 13.1343,
1.8527

■ 53.9751, 59.6309,
91.4943

■ 17.7160, 12.3971,
1.4591

■ 58.6107, 65.3067,
104.1241

■ 61.1400, 70.3651,
104.9672

Harmonies

Analogous

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



30.2885, 28.8260, 26.2396



28.8917, 28.8260, 23.4433



27.1459, 28.8260, 22.6847

Triad

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



28.8917, 28.8260, 23.4433



24.1622, 28.8260, 32.1170



29.3482, 28.8260, 40.0884

Complementary

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



28.8917, 28.8260, 23.4433



25.8386, 28.2556, 39.6894

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.



27.6521, 28.8260, 42.0701



28.8917, 28.8260, 23.4433



24.6980, 28.8260, 37.1661

Square

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



28.8917, 28.8260, 23.4433



24.4625, 28.8260, 27.3696



25.9572, 28.8260, 40.9477



30.5599, 28.8260, 35.7786

Rectangle

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



28.8917, 28.8260, 23.4433



26.0303, 28.8260, 23.3601



25.9572, 28.8260, 40.9477



28.8133, 28.8260, 41.0687

Sweetspot

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



28.8925, 28.8273, 23.4439



60.0930, 62.3999, 63.0355



28.2226, 24.8156, 31.4582



13.0738, 13.5609, 13.6159



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.8925, 28.8273, 23.4439



49.4817, 48.6311, 36.5198



32.0806, 35.2035, 24.5066



7.3097, 7.5578, 7.4536



13.4498, 9.4736, 1.1197



0.3290, 0.2919, 0.0390

Inverse Universe

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



25.8386, 28.2556, 39.6894



43.0668, 47.4273, 70.6369



23.0121, 22.6025, 38.7472



7.0226, 7.5043, 8.9814



8.2744, 8.3283, 28.1012



0.2193, 0.2660, 0.6056

Previews

White Background



This preview shows how the XYZ color 28.8917, 28.8260, 23.4433 looks on a white background.

Color Contrast Check

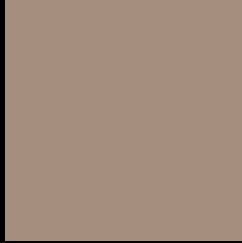
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8917, 28.8260, 23.4433 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 28.8917, 28.8260, 23.4433

Background



This preview shows how black text looks on a background with the XYZ color 28.8917, 28.8260, 23.4433.



This preview shows how white text looks on a background with the XYZ color 28.8917, 28.8260,

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

28.8917, 28.8260, 23.4433

Protanopia

27.2465, 28.8624, 24.2136

Deuteranopia

29.3750, 28.8553, 23.4234



Tritanopia

30.6617, 28.6717, 32.3519

Trichromacy



Original Color

28.8917, 28.8260, 23.4433

Protanomaly

27.7959, 28.9253, 23.8568

Deuteranomaly

29.1629, 28.7459, 23.4135

Tritanomaly

29.9026, 28.5742, 28.7503

Monochromacy



Original Color

28.8917, 28.8260, 23.4433

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1120, 28.9849, 28.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8917, 28.8260, 23.4433 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(165, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(165, 142, 125)  
}
```

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(165, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.8917, 28.8260, 23.4433 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(165, 142, 125) }
```


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

```
.border{ border-color:rgb(165, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(165, 142,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8917, 28.8260, 23.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 142, 125) }
```

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

```
.background{ background-color: rgb(165,  
142, 125) }
```

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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