

Converting Colors

XYZ(28.5717, 27.9695, 25.0118)

Have a look what the booklet for
XYZ(28.5717, 27.9695, 25.0118)
contains.

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Color

**XYZ(28.5717, 27.9695,
25.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	A48B82
RGB	164, 139, 130
RGB Percent	64%, 55%, 51%
CMY	0.3569, 0.4549, 0.4902
CMYK	0.00, 0.15, 0.21, 0.36
HSL	16°, 16%, 58%
HSV	16°, 21%, 64%
XYZ	28.5717, 27.9695, 25.0118
YIQ	145.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

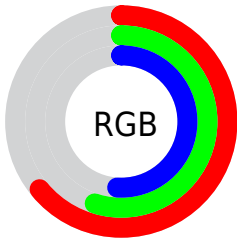
Format	Color
R_{YB}	164, 142, 130
Decimal	10783618
CIE Lab	59.86, 7.95, 8.31
CIE LCh	60, 11.501, 46.246
Yxy	27.9695, 0.3503, 0.3430
Android (android.graphics.Color)	4288973698 (0xFFA48B82)
YUV	145.4490, -7.6164, 16.2692
Hunter-Lab	52.8862, 3.8835, 8.9799

Details

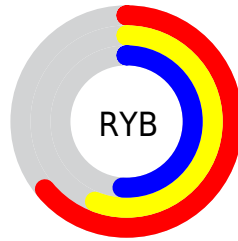
The XYZ color **28.5717, 27.9695, 25.0118** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6277, 30.8678, 39.6240**, and the grayscale version is **27.1220, 28.5345, 31.0740**.

A 20% lighter version of the original color is **56.6103, 56.1782, 52.6595**, and **11.7397, 11.1836, 9.3245** is the 20% darker color. If you saturate the color by 10%, you get **25.9070, 24.2635, 19.1186**, and if you desaturate by 10%, it is **31.6059, 32.1334, 31.8945**.

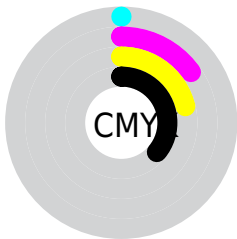
Distribution



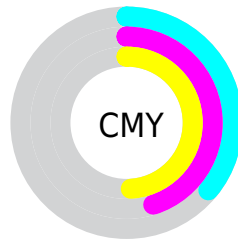
- Red (64%)
- Green (55%)
- Blue (51%)



- Red (64%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5717, 27.9695, 25.0118 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 28.5717, 27.9695, 25.0118 by changing the saturation by 10% instead.

■ 28.5717, 27.9695,
25.0118

■ 28.5717, 27.9695,
25.0118

287.2195,
292.3211, 291.3463

■ 18.8997, 18.3027,
15.8667

■ 56.7982, 56.4357,
52.6407

■ 11.7014, 11.1675,
9.2766

■ 76.0834, 76.0039,
71.9617

■ 6.6114, 6.1796,
4.8227

■ 99.3037, 99.6414,
95.5117

■ 3.2645, 2.9546,
2.0867

126.8245,
127.7325, 123.7093

■ 1.2951, 1.1081,
0.6079

159.0111,
160.6616, 156.9730

■ 0.1796, 0.0000,
0.0000

196.2289,

■ 0.0000, 0.0000,

198.8132, 195.7213

0.0000

238.8433,
242.5715, 240.3729

■ 28.5717, 27.9695,
25.0118

■ 28.5717, 27.9695,
25.0118

■ 25.9070, 24.2635,
19.1186

■ 31.6059, 32.1334,
31.8945

■ 23.5952, 20.9958,
14.1674

■ 35.0212, 36.7662,
39.8077

■ 21.6213, 18.1510,
10.1094

■ 38.8311, 41.8837,
48.7922

■ 19.9687, 15.7112,
6.8906

■ 43.0480, 47.4994,
58.8862

■ 18.6192, 13.6575,
4.4512

■ 47.6838, 53.6264,
70.1257

■ 17.5523, 11.9689,
2.7233

■ 52.7497, 60.2773,
82.5455

■ 16.7450, 10.6226,
1.6273

■ 58.2567, 67.4644,
96.1785

■ 16.1894, 9.6517,
1.0097

■ 63.2004, 74.7935,
105.7133

■ 66.7793, 81.9513,
106.9063

Harmonies

Analogous

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



29.3693, 27.9695, 28.2613



28.5717, 27.9695, 25.0118



27.2567, 27.9695, 23.2981

Triad

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



28.5717, 27.9695, 25.0118



23.9514, 27.9695, 28.5836



27.3767, 27.9695, 38.8366

Complementary

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



28.5717, 27.9695, 25.0118



27.6277, 30.8678, 39.6240

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.



25.9228, 27.9695, 38.9430



28.5717, 27.9695, 25.0118



23.9809, 27.9695, 32.7574

Square

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



28.5717, 27.9695, 25.0118



24.6090, 27.9695, 25.2292



24.6910, 27.9695, 36.6334



28.6623, 27.9695, 36.3546

Rectangle

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



28.5717, 27.9695, 25.0118



26.2801, 27.9695, 23.1456



24.6910, 27.9695, 36.6334



26.8906, 27.9695, 39.1586

Sweetspot

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



28.5725, 27.9708, 25.0124



60.1455, 62.1035, 64.2904



29.2511, 26.2414, 34.7545



13.0675, 13.4665, 13.8666



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.



28.5725, 27.9708, 25.0124



49.4892, 47.4812, 40.1130



31.1440, 33.1138, 25.8696



7.2193, 7.3769, 7.4235



12.4477, 7.4694, 0.7857



0.2980, 0.2298, 0.0286

Inverse Universe

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



27.6277, 30.8678, 39.6240



47.4494, 53.7235, 71.6211



25.0674, 25.7472, 38.7706



7.1167, 7.6924, 9.0128



10.3809, 12.5412, 28.8033



0.2535, 0.3342, 0.6170

Previews

White Background



This preview shows how the XYZ color 28.5717, 27.9695, 25.0118 looks on a white background.

Color Contrast Check

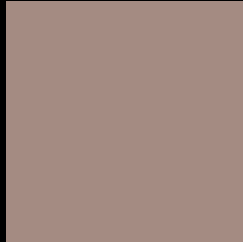
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5717, 27.9695, 25.0118 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 28.5717, 27.9695, 25.0118

Background



This preview shows how black text looks on a background with the XYZ color 28.5717, 27.9695, 25.0118.



This preview shows how white text looks on a background with the XYZ color 28.5717, 27.9695,

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

28.5717, 27.9695, 25.0118

Protanopia

26.7846, 28.1240, 26.2071

Deuteranopia

28.5717, 27.9695, 25.0118



Tritanopia

29.7965, 27.8219, 31.4035

Trichromacy



Original Color

28.5717, 27.9695, 25.0118

Protanomaly

27.3554, 27.9805, 25.7888

Deuteranomaly

28.5717, 27.9695, 25.0118

Tritanomaly

29.2704, 27.8137, 29.0252

Monochromacy



Original Color

28.5717, 27.9695, 25.0118

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5050, 28.2138, 28.8071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5717, 27.9695, 25.0118 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(164, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 139, 130)  
}
```

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(164, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 139, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.5717, 27.9695, 25.0118 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(164, 139, 130) }
```


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

```
.border{ border-color:rgb(164, 139, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 139, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 139, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 139, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 139,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5717, 27.9695, 25.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 139, 130) }
```

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

```
.background{ background-color: rgb(164,  
139, 130) }
```

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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