

Converting Colors

XYZ(28.3133, 24.4193, 15.7468)

Have a look what the booklet for
XYZ(28.3133, 24.4193, 15.7468)
contains.

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Color

**XYZ(28.2917, 24.4578,
15.8001)**

Conversions

Conversions Part 1

Format	Color
Hex	B57966
RGB	181, 121, 102
RGB Percent	71%, 47%, 40%
CMY	0.2902, 0.5255, 0.6000
CMYK	0.00, 0.33, 0.44, 0.29
HSL	14°, 35%, 55%
HSV	14°, 44%, 71%
XYZ	28.2917, 24.4578, 15.8001
YIQ	136.7740, 41.8590, 6.8110

Conversions

Conversions Part 2

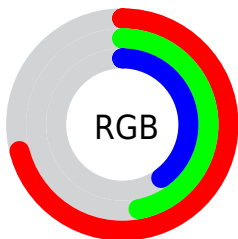
Format	Color
R_{YB}	181, 127, 102
Decimal	11893094
CIE Lab	56.54, 21.16, 19.98
CIE LCh	57, 29.098, 43.355
Yxy	24.4578, 0.4127, 0.3568
Android (android.graphics.Color)	4290083174 (0xFFB57966)
YUV	136.7740, -17.1436, 38.7862
Hunter-Lab	49.4548, 15.5688, 15.6761

Details

The XYZ color **28.2917, 24.4578, 15.8001** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7398, 32.0004, 48.4833**, and the grayscale version is **23.7447, 24.9812, 27.2046**.

A 20% lighter version of the original color is **56.4824, 50.9227, 36.9891**, and **11.6111, 9.3462, 4.8064** is the 20% darker color. If you saturate the color by 10%, you get **25.9371, 21.0318, 11.0597**, and if you desaturate by 10%, it is **31.0816, 28.4407, 21.6529**.

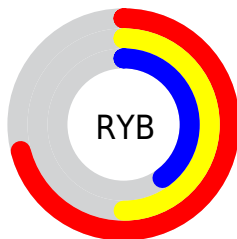
Distribution



Red (71%)

Green (47%)

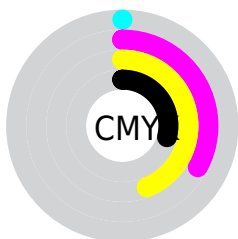
Blue (40%)



Red (71%)

Yellow (50%)

Blue (40%)

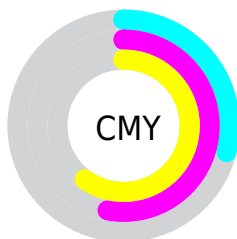


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2917, 24.4578, 15.8001 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 28.2917, 24.4578, 15.8001 by changing the saturation by 10% instead.

 28.2917, 24.4578,
15.8001


 28.2917, 24.4578,
15.8001

285.9130,
275.1269, 239.9645


 18.6872, 15.6736,
9.2300


 56.3552, 50.7762,
37.0128

 11.5472, 9.2935,
4.7926


 75.5450, 69.0792,
52.4924

 6.5061, 4.9331,
2.0695


 98.6605, 91.3239,
71.7790

 3.1988, 2.2081,
0.5975

 126.0673,
117.8947, 95.2910

 1.2597, 0.7244,
0.0000

158.1305,
149.1760, 123.4470

 0.1528, 0.0000,
0.0000

195.2157,

 0.0000, 0.0000,

185.5522, 156.6656

0.0000

237.6881,
227.4077, 195.3653

■ 28.2917, 24.4578,
15.8001

■ 28.2917, 24.4578,
15.8001

■ 25.9371, 21.0318,
11.0597

■ 31.0816, 28.4407,
21.6529

■ 23.9931, 18.1338,
7.3592

■ 34.3260, 33.0005,
28.6817

■ 22.4350, 15.7380,
4.6194


■ 38.0454, 38.1605,
36.9469


■ 21.2348, 13.8144,
2.7490


■ 42.2583, 43.9416,
46.5041


■ 20.3597, 12.3297,
1.6388


■ 46.9821, 50.3637,
57.4057

 19.9397, 11.5911,
1.1864

 52.2335, 57.4460,
69.7014

 58.0284, 65.2066,
83.4378

 64.3820, 73.6631,
98.6600

 69.6732, 82.1781,
106.7975

Harmonies

Analogous

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



30.1496, 24.4578, 22.5639



28.2917, 24.4578, 15.8001



25.1553, 24.4578, 12.4973

Triad

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



28.2917, 24.4578, 15.8001



17.5665, 24.4578, 21.6534



24.7779, 24.4578, 49.1161

Complementary

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



28.2917, 24.4578, 15.8001



26.7398, 32.0004, 48.4833

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.



21.4366, 24.4578, 48.7018



28.2917, 24.4578, 15.8001



17.4866, 24.4578, 31.1583

Square

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



28.2917, 24.4578, 15.8001



19.0697, 24.4578, 15.2732



18.8397, 24.4578, 41.5365



27.9924, 24.4578, 42.5596

Rectangle

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



28.2917, 24.4578, 15.8001



22.8687, 24.4578, 12.0516



18.8397, 24.4578, 41.5365



23.6283, 24.4578, 49.8274

Sweetspot

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



28.2923, 24.4590, 15.8006



68.4437, 68.7654, 66.8566



30.3796, 21.9556, 37.0839



14.4612, 14.4045, 13.7056



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.2923, 24.4590, 15.8006



46.7538, 38.1099, 20.3991



34.0136, 35.9017, 17.7077



8.6569, 8.8263, 8.8999



13.7924, 8.0833, 0.8333



0.4799, 0.3462, 0.0415

Inverse Universe

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



26.7398, 32.0004, 48.4833



43.5895, 53.2441, 86.2743



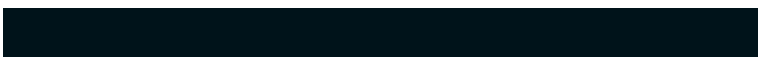
20.9114, 20.3437, 46.5406



8.5660, 9.2782, 10.8457



12.0176, 14.8357, 32.3672



0.4200, 0.5506, 1.0324

Previews

White Background



This preview shows how the XYZ color 28.2917, 24.4578, 15.8001 looks on a white background.

Color Contrast Check

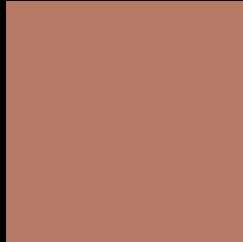
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2917, 24.4578, 15.8001 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 28.2917, 24.4578, 15.8001

Background



This preview shows how black text looks on a background with the XYZ color 28.2917, 24.4578, 15.8001.



This preview shows how white text looks on a background with the XYZ color 28.2917, 24.4578,

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

28.2917, 24.4578, 15.8001

Protanopia

23.0661, 24.6417, 18.0086

Deuteranopia

24.9808, 24.4624, 15.4617



Tritanopia

29.7728, 24.5305, 22.9043

Trichromacy



Original Color

28.2917, 24.4578, 15.8001

Protanomaly

24.6224, 24.4413, 17.0556

Deuteranomaly

26.0868, 24.4432, 15.6550

Tritanomaly

29.0991, 24.4231, 20.0101

Monochromacy



Original Color

28.2917, 24.4578, 15.8001

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8913, 24.4601, 22.4782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2917, 24.4578, 15.8001 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(181, 121, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 102)  
}
```

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(181, 121, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 102) }
```

Border

The CSS property to change the border of an element to XYZ 28.2917, 24.4578, 15.8001 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(181, 121, 102) }
```


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

```
.border{ border-color:rgb(181, 121, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 121, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 121, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 121,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2917, 24.4578, 15.8001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 102) }
```

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

```
.background{ background-color: rgb(181,  
121, 102) }
```

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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