

# Converting Colors

XYZ(28.5259, 24.0022, 17.5934)

Have a look what the booklet for  
XYZ(28.5259, 24.0022, 17.5934)  
contains.

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# Color

**XYZ(28.5302, 24.0061,  
17.5979)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6766D
RGB	182, 118, 109
RGB Percent	71%, 46%, 43%
CMY	0.2863, 0.5372, 0.5725
CMYK	0.00, 0.35, 0.40, 0.29
HSL	7°, 33%, 57%
HSV	7°, 40%, 71%
XYZ	28.5302, 24.0061, 17.5979
YIQ	136.1100, 41.0330, 10.7690

# Conversions

## Conversions Part 2

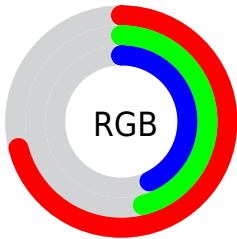
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 119, 109
Decimal	11957869
CIE <sub>Lab</sub>	56.09, 24.03, 15.36
CIE <sub>LCh</sub>	56, 28.518, 32.583
Yxy	24.0061, 0.4068, 0.3423
Android (android.graphics.Color)	4290147949 (0xFFB6766D)
YUV	136.1100, -13.3652, 40.2455
Hunter-Lab	48.9960, 18.1968, 13.0020

# Details

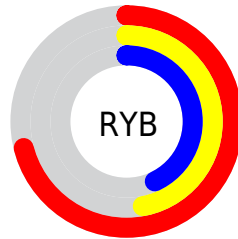
The XYZ color **28.5302, 24.0061, 17.5979** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6931, 36.5143, 49.7390**, and the grayscale version is **23.4813, 24.7041, 26.9028**.

A 20% lighter version of the original color is **56.9311, 50.2243, 40.4119**, and **11.7500, 9.1161, 5.6977** is the 20% darker color. If you saturate the color by 10%, you get **25.9275, 20.2095, 12.3868**, and if you desaturate by 10%, it is **31.6549, 28.5218, 23.9842**.

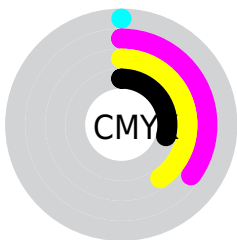
# Distribution



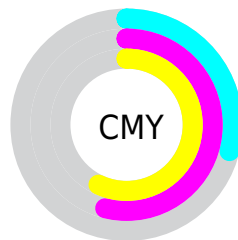
- Red (71%)
- Green (46%)
- Blue (43%)



- Red (71%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (40%)
- Black (29%)




- Cyan (29%)
- Magenta (54%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5302, 24.0061, 17.5979 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 28.5302, 24.0061, 17.5979 by changing the saturation by 10% instead.





 28.5302, 24.0061,  
17.5979


 28.5302, 24.0061,  
17.5979


287.0262,  
272.8513, 250.7543


 18.8682, 15.3381,  
10.4952

 56.7326, 50.0402,  
40.1556


 11.6785, 9.0570,  
5.6187


 76.0037, 68.1750,  
56.4477

 6.5958, 4.7784,  
2.5496


 99.2085, 90.2344,  
76.6401

 3.2547, 2.1178,  
0.8663

 126.7124,  
116.6025, 101.1512

 1.2898, 0.6746,  
0.0000

158.8808,  
147.6639, 130.3996

 0.1756, 0.0000,  
0.0000

196.0790,

 0.0000, 0.0000,

183.8029, 164.8039

0.0000

238.6723,  
225.4039, 204.7826

■ 28.5302, 24.0061,  
17.5979

■ 28.5302, 24.0061,  
17.5979

■ 25.9275, 20.2095,  
12.3868

■ 31.6549, 28.5218,  
23.9842

■ 23.8162, 17.0916,  
8.2779

■ 35.3261, 33.7875,  
31.6102

■ 22.1656, 14.6130,  
5.1919


■ 39.5689, 39.8364,  
40.5370


■ 20.9407, 12.7292,  
3.0385

■ 44.4066, 46.6987,  
50.8215


■ 20.1011, 11.3897,  
1.7113


■ 49.8609, 54.4032,  
62.5171

 19.5870, 10.5362,  
1.0013

 55.9524, 62.9771,  
75.6744

 62.7010, 72.4463,  
90.3415

 70.1255, 82.8359,  
106.5642

 73.1014, 88.6851,  
107.8728

# Harmonies

## Analogous

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



29.6855, 24.0061, 25.3363



28.5302, 24.0061, 17.5979



25.8337, 24.0061, 13.2001

# Triad

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



28.5302, 24.0061, 17.5979



17.6827, 24.0061, 18.6986



23.1013, 24.0061, 48.5452

# Complementary

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



28.5302, 24.0061, 17.5979



29.6931, 36.5143, 49.7390

# 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.



20.0450, 24.0061, 45.5820



28.5302, 24.0061, 17.5979



17.0993, 24.0061, 26.9576

# Square

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



28.5302, 24.0061, 17.5979



19.5986, 24.0061, 13.7209



17.9226, 24.0061, 37.0733



26.3699, 24.0061, 44.4175



# Rectangle

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



28.5302, 24.0061, 17.5979



23.6377, 24.0061, 12.0492



17.9226, 24.0061, 37.0733



22.0157, 24.0061, 48.3457

# Sweetspot

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



28.5308, 24.0073, 17.5984



70.0397, 69.8067, 69.9044



32.3499, 23.9185, 42.6926



15.2426, 15.0949, 14.9609



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988



# Same Dimension

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



28.5308, 24.0073, 17.5984



47.5670, 37.4618, 23.5672



33.6102, 34.1661, 19.2915



9.0915, 9.1860, 9.4008



13.8594, 7.4952, 0.7162



0.5178, 0.3227, 0.0350



# Inverse Universe

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



29.6931, 36.5143, 49.7390



49.9389, 63.1915, 89.8008



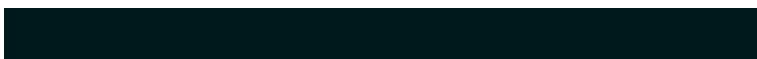
23.6937, 24.5154, 47.7392



9.1696, 10.0165, 11.5295



14.8182, 20.0960, 34.3510



0.5491, 0.7619, 1.2199



# Previews

## White Background



This preview shows how the XYZ color 28.5302, 24.0061, 17.5979 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

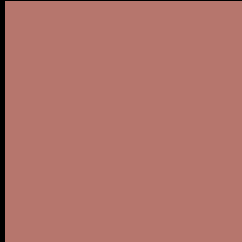
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 28.5302, 24.0061, 17.5979 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 28.5302, 24.0061, 17.5979**

## **Background**



This preview shows how black text looks on a background with the XYZ color 28.5302, 24.0061, 17.5979.



This preview shows how white text looks on a background with the XYZ color 28.5302, 24.0061,



# 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

28.5302, 24.0061, 17.5979

### Protanopia

22.7205, 23.9973, 20.2641

### Deuteranopia

24.4087, 23.9301, 17.2424



## Tritanopia

29.4119, 24.0133, 22.1536

# Trichromacy



## Original Color

28.5302, 24.0061, 17.5979

## Protanomaly

24.4667, 23.7212, 19.2087

## Deuteranomaly

25.7663, 23.8569, 17.4342

## Tritanomaly

29.2195, 24.1218, 20.5687

# Monochromacy



## Original Color

28.5302, 24.0061, 17.5979

## Achromatopsia

23.4014, 24.6201, 26.8113

## Achromatomaly

24.7530, 23.9792, 23.0625

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 28.5302, 24.0061, 17.5979 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(182, 118, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 118, 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(182, 118, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 118, 109) }
```

## Border

The CSS property to change the border of an element to XYZ 28.5302, 24.0061, 17.5979 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(182, 118, 109) }
```



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

```
.border{ border-color:rgb(182, 118, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 118, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 118, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 118, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 118,  
109) }
```

# Background

The CSS property to change the background color of an element to XYZ 28.5302, 24.0061, 17.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 118, 109) }
```

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

```
.background{ background-color: rgb(182,  
118, 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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