

Converting Colors

XYZ(25.8479, 23.9627, 18.1650)

Have a look what the booklet for
XYZ(25.8479, 23.9627, 18.1650)
contains.

XYZ(25.7199, 23.8143, 18.2800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7199, 23.8143,
18.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	A57D6F
RGB	165, 125, 111
RGB Percent	65%, 49%, 44%
CMY	0.3529, 0.5098, 0.5647
CMYK	0.00, 0.24, 0.33, 0.35
HSL	16°, 23%, 54%
HSV	16°, 33%, 65%
XYZ	25.7199, 23.8143, 18.2800
YIQ	135.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

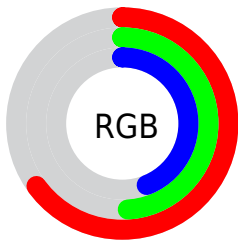
Format	Color
R_{YB}	165, 130, 111
Decimal	10845551
CIE _{Lab}	55.90, 13.49, 13.64
CIE _{LCh}	56, 19.178, 45.318
Yxy	23.8143, 0.3793, 0.3512
Android (android.graphics.Color)	4289035631 (0xFFA57D6F)
YUV	135.3640, -12.0115, 25.9908
Hunter-Lab	48.7999, 8.6783, 11.9504

Details

The XYZ color **25.7199, 23.8143, 18.2800** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4133, 28.2283, 39.7591**, and the grayscale version is **23.2008, 24.4091, 26.5815**.

A 20% lighter version of the original color is **52.3500, 49.8573, 41.5146**, and **10.1637, 8.9725, 5.8988** is the 20% darker color. If you saturate the color by 10%, you get **23.4410, 20.5785, 13.4445**, and if you desaturate by 10%, it is **28.3583, 27.5003, 24.0638**.

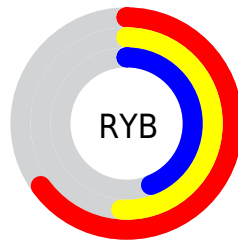
Distribution



Red (65%)

Green (49%)

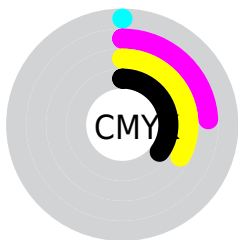
Blue (44%)



Red (65%)

Yellow (51%)

Blue (44%)

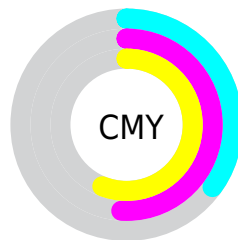


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (35%)



Cyan (35%)


Magenta (51%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7199, 23.8143, 18.2800 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 25.7199, 23.8143, 18.2800 by changing the saturation by 10% instead.

 25.7199, 23.8143,
18.2800


 25.7199, 23.8143,
18.2800


273.6864,
271.8803, 254.7335


 16.7458, 15.1959,
10.9797


 52.2573, 49.7270,
41.3342


 10.1476, 8.9570,
5.9392


 70.5512, 67.7901,
57.9252

 5.5599, 4.7131,
2.7399


 92.6825, 89.7702,
78.4502

 2.6175, 2.0800,
0.9634

 119.0165,
116.0518, 103.3276

 0.9549, 0.6533,
0.0000

149.9185,
147.0192, 132.9762

 0.0000, 0.0000,
0.0000

185.7539,

183.0568, 167.8143

226.8881,
224.5491, 208.2605

■ 25.7199, 23.8143,
18.2800

■ 25.7199, 23.8143,
18.2800

■ 23.4410, 20.5785,
13.4445

■ 28.3583, 27.5003,
24.0638

■ 21.5035, 17.7720,
9.5049

■ 31.3694, 31.6495,
30.8416

■ 19.8907, 15.3773,
6.4058


■ 34.7680, 36.2787,
38.6580


■ 18.5834, 13.3742,
4.0848


■ 38.5675, 41.4029,
47.5544


■ 17.5604, 11.7410,
2.4710


■ 42.7808, 47.0361,
57.5698


 16.7971, 10.4532,
1.4802

 47.4199, 53.1922,
68.7413

 16.3733, 9.7118,
1.0116

 52.4965, 59.8842,
81.1045

 58.0220, 67.1247,
94.6932

 63.2737, 74.6327,
105.6784

Harmonies

Analogous

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



26.9341, 23.8143, 22.8788



25.7199, 23.8143, 18.2800



23.7166, 23.8143, 15.9438

Triad

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



25.7199, 23.8143, 18.2800



18.8085, 23.8143, 22.9976



23.7630, 23.8143, 39.3541

Complementary

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



25.7199, 23.8143, 18.2800



24.4133, 28.2283, 39.7591

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.



21.5864, 23.8143, 39.3997



25.7199, 23.8143, 18.2800



18.8192, 23.8143, 29.2404

Square

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



25.7199, 23.8143, 18.2800



19.7767, 23.8143, 18.3548



19.8068, 23.8143, 35.4618



25.7558, 23.8143, 35.3456

Rectangle

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



25.7199, 23.8143, 18.2800



22.2476, 23.8143, 15.6984



19.8068, 23.8143, 35.4618



23.0264, 23.8143, 39.8524

Sweetspot

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



25.7205, 23.8154, 18.2805



57.6618, 58.7081, 58.6162



26.8282, 21.6191, 32.2505



12.4355, 12.6017, 12.4251



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.



25.7205, 23.8154, 18.2805



43.1450, 38.5181, 26.5136



29.5336, 31.4416, 19.5515



7.2162, 7.3708, 7.4225



12.4222, 7.4183, 0.7771



0.2969, 0.2276, 0.0283

Inverse Universe

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



24.4133, 28.2283, 39.7591



40.4386, 47.5988, 70.8085



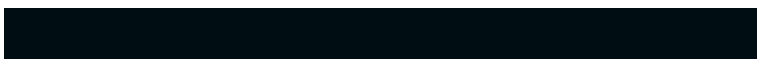
20.6178, 20.6374, 38.4940



7.1199, 7.6989, 9.0138



10.4643, 12.7080, 28.8311



0.2547, 0.3367, 0.6174

Previews

White Background



This preview shows how the XYZ color 25.7199, 23.8143, 18.2800 looks on a white background.

Color Contrast Check

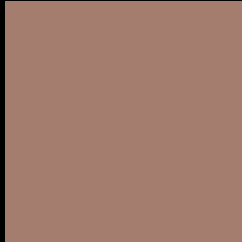
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7199, 23.8143, 18.2800 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 25.7199, 23.8143, 18.2800

Background



This preview shows how black text looks on a background with the XYZ color 25.7199, 23.8143, 18.2800.



This preview shows how white text looks on a background with the XYZ color 25.7199, 23.8143,

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

25.7199, 23.8143, 18.2800

Protanopia

22.6041, 23.9507, 19.6512

Deuteranopia

24.3750, 23.8942, 18.0792



Tritanopia

26.9926, 23.7733, 24.6388

Trichromacy



Original Color

25.7199, 23.8143, 18.2800

Protanomaly

23.7312, 23.9315, 19.2881

Deuteranomaly

24.8317, 23.9351, 18.0630

Tritanomaly

26.4469, 23.7281, 22.2549

Monochromacy



Original Color

25.7199, 23.8143, 18.2800

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.7363, 23.8499, 23.0911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7199, 23.8143, 18.2800 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, 125, 111)` looks like.

```
.text, #text, p{  
    color:rgb(165, 125, 111)  
}
```

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, 125, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 125, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.7199, 23.8143, 18.2800 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, 125, 111) }
```


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

```
.border{ border-color:rgb(165, 125, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 125, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 125, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 125, 111);  
box-shadow:4px 4px 4px 4px rgb(165, 125,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7199, 23.8143, 18.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 125, 111) }
```

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

```
.background{ background-color: rgb(165,  
125, 111) }
```

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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