

Converting Colors

XYZ(29.1004, 25.1610, 17.9436)

Have a look what the booklet for
XYZ(29.1004, 25.1610, 17.9436)
contains.

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Color

**XYZ(29.1888, 25.2368,
18.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	B67B6E
RGB	182, 123, 110
RGB Percent	71%, 48%, 43%
CMY	0.2863, 0.5176, 0.5686
CMYK	0.00, 0.32, 0.40, 0.29
HSL	11°, 33%, 57%
HSV	11°, 40%, 71%
XYZ	29.1888, 25.2368, 18.0846
YIQ	139.1590, 39.3370, 8.4650

Conversions

Conversions Part 2

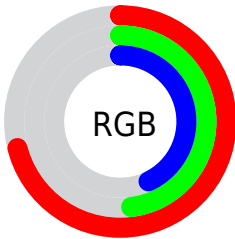
Format	Color
R_{YB}	182, 126, 110
Decimal	11959150
CIE _{Lab}	57.31, 21.36, 16.45
CIE _{LCh}	57, 26.964, 37.597
Yxy	25.2368, 0.4025, 0.3480
Android (android.graphics.Color)	4290149230 (0xFFB67B6E)
YUV	139.1590, -14.3754, 37.5716
Hunter-Lab	50.2362, 15.8006, 13.8215

Details

The XYZ color **29.1888, 25.2368, 18.0846** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0612, 35.0668, 49.4927**, and the grayscale version is **24.6455, 25.9290, 28.2366**.

A 20% lighter version of the original color is **57.9821, 52.1846, 41.1991**, and **12.0707, 9.7574, 5.8046** is the 20% darker color. If you saturate the color by 10%, you get **26.5867, 21.4589, 12.8204**, and if you desaturate by 10%, it is **32.2776, 29.6622, 24.5157**.

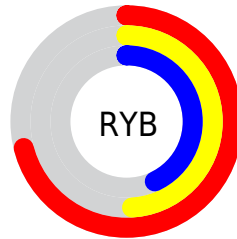
Distribution



Red (71%)

Green (48%)

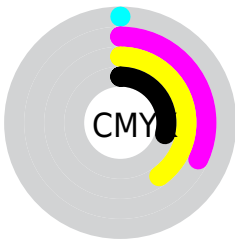
Blue (43%)



Red (71%)

Yellow (49%)

Blue (43%)

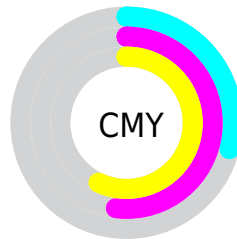


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (52%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1888, 25.2368, 18.0846 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 29.1888, 25.2368, 18.0846 by changing the saturation by 10% instead.


 29.1888, 25.2368,
18.0846


 29.1888, 25.2368,
18.0846


290.0829,
279.0152, 253.5996


 19.3687, 16.2536,
10.8407


 57.7724, 52.0411,
40.9973


 12.0426, 9.7038,
5.8470


 77.2666, 70.6310,
57.5032

 6.8451, 5.2030,
2.6850


 100.7162, 93.1919,
77.9334

 3.4109, 2.3669,
0.9359

 128.4866,
120.1082, 102.7066

 1.3746, 0.8088,
0.0000

160.9431,
151.7642, 132.2413

 0.2380, 0.0000,
0.0000

198.4511,

 0.0000, 0.0000,

188.5445, 166.9560

0.0000

241.3759,
230.8334, 207.2692

■ 29.1888, 25.2368,
18.0846

■ 29.1888, 25.2368,
18.0846

■ 26.5867, 21.4589,
12.8204

■ 32.2776, 29.6622,
24.5157

■ 24.4441, 18.2943,
8.6511

■ 35.8744, 34.7599,
32.1765

■ 22.7340, 15.7115,
5.4994


■ 40.0019, 40.5577,
41.1272


■ 21.4256, 13.6742,
3.2770


■ 44.6805, 47.0810,
51.4238


■ 20.4840, 12.1422,
1.8802


■ 49.9297, 54.3535,
63.1185


 19.8544, 11.0641,
1.1121

 55.7681, 62.3983,
76.2613

 19.8317, 11.0257,
1.0829

 62.2132, 71.2372,
90.8993

 69.1850, 80.8524,
106.5674

 73.1013, 88.6851,
107.8728

Harmonies

Analogous

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



30.6033, 25.2368, 25.2184



29.1888, 25.2368, 18.0846



26.4042, 25.2368, 14.2150

Triad

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



29.1888, 25.2368, 18.0846



18.7455, 25.2368, 21.3061



24.8079, 25.2368, 48.8578

Complementary

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



29.1888, 25.2368, 18.0846



29.0612, 35.0668, 49.4927

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.



21.7217, 25.2368, 47.1564



29.1888, 25.2368, 18.0846



18.4002, 25.2368, 29.8699

Square

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



29.1888, 25.2368, 18.0846



20.4319, 25.2368, 15.7667



19.4428, 25.2368, 39.6659



27.9319, 25.2368, 43.9014

Rectangle

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



29.1888, 25.2368, 18.0846



24.2452, 25.2368, 13.3863



19.4428, 25.2368, 39.6659



23.7303, 25.2368, 49.0619

Sweetspot

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



29.1894, 25.2380, 18.0851



70.4497, 70.6267, 70.0411



32.1231, 23.9994, 40.9695



15.3412, 15.2921, 14.9938



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.



29.1894, 25.2380, 18.0851



48.9723, 40.0313, 24.7795



34.3328, 35.5246, 19.7995



9.1323, 9.2676, 9.4144



14.0409, 7.8581, 0.7767



0.5352, 0.3576, 0.0408

Inverse Universe

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



29.0612, 35.0668, 49.4927



48.6841, 60.1705, 89.2839



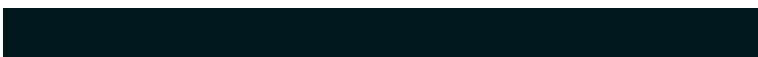
23.3992, 23.7428, 47.6054



9.1250, 9.9273, 11.5147



13.6110, 17.6817, 33.9486



0.5163, 0.6962, 1.2089

Previews

White Background



This preview shows how the XYZ color 29.1888, 25.2368, 18.0846 looks on a white background.

Color Contrast Check

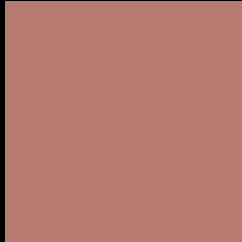
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1888, 25.2368, 18.0846 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 29.1888, 25.2368, 18.0846

Background



This preview shows how black text looks on a background with the XYZ color 29.1888, 25.2368, 18.0846.



This preview shows how white text looks on a background with the XYZ color 29.1888, 25.2368,

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

29.1888, 25.2368, 18.0846

Protanopia

23.9764, 25.4811, 20.4843

Deuteranopia

25.6560, 25.1623, 17.6920



Tritanopia

30.4461, 25.2083, 24.0299

Trichromacy



Original Color

29.1888, 25.2368, 18.0846

Protanomaly

25.5253, 25.2591, 19.4497

Deuteranomaly

26.9728, 25.2397, 17.9181

Tritanomaly

29.8787, 25.1472, 21.6915

Monochromacy



Original Color

29.1888, 25.2368, 18.0846

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.8014, 25.3021, 23.9460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1888, 25.2368, 18.0846 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, 123, 110)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 110)  
}
```

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, 123, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 110) }
```

Border

The CSS property to change the border of an element to XYZ 29.1888, 25.2368, 18.0846 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, 123, 110) }
```


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

```
.border{ border-color:rgb(182, 123, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 110);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1888, 25.2368, 18.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 110) }
```

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

```
.background{ background-color: rgb(182,  
123, 110) }
```

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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