

Converting Colors

XYZ(29.6995, 24.8400, 18.9031)

Have a look what the booklet for
XYZ(29.6995, 24.8400, 18.9031)
contains.

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Color

**XYZ(29.5850, 24.7002,
18.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	B97771
RGB	185, 119, 113
RGB Percent	73%, 47%, 44%
CMY	0.2745, 0.5333, 0.5569
CMYK	0.00, 0.36, 0.39, 0.27
HSL	5°, 34%, 58%
HSV	5°, 39%, 73%
XYZ	29.5850, 24.7002, 18.8311
YIQ	138.0500, 41.2620, 12.1260

Conversions

Conversions Part 2

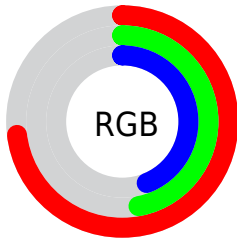
Format	Color
R_{YB}	185, 120, 113
Decimal	12154737
CIE _{Lab}	56.78, 25.14, 14.06
CIE _{LCh}	57, 28.802, 29.212
Yxy	24.7002, 0.4046, 0.3378
Android (android.graphics.Color)	4290344817 (0xFFB97771)
YUV	138.0500, -12.3496, 41.1752
Hunter-Lab	49.6993, 19.2837, 12.3245

Details

The XYZ color **29.5850, 24.7002, 18.8311** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.6863, 39.2519, 51.8051**, and the grayscale version is **24.2118, 25.4726, 27.7397**.

A 20% lighter version of the original color is **58.5062, 51.2763, 42.4110**, and **12.3502, 9.5078, 6.1853** is the 20% darker color. If you saturate the color by 10%, you get **26.8065, 20.6436, 13.2797**, and if you desaturate by 10%, it is **32.9371, 29.5643, 25.6217**.

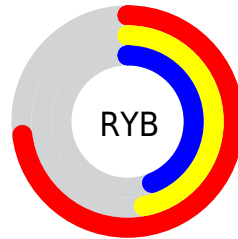
Distribution



Red (73%)

Green (47%)

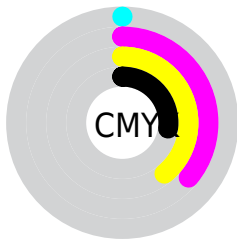
Blue (44%)



Red (73%)

Yellow (47%)

Blue (44%)

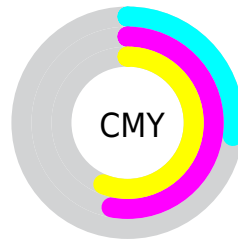


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5850, 24.7002, 18.8311 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 29.5850, 24.7002, 18.8311 by changing the saturation by 10% instead.

■ 29.5850, 24.7002,
18.8311

■ 29.5850, 24.7002,
18.8311

291.9099,
276.3416, 257.9063

■ 19.6703, 15.8538,
11.3727

■ 58.3964, 51.1704,
42.2814

■ 12.2625, 9.4208,
6.2008

■ 78.0238, 69.5631,
59.1104

■ 6.9962, 5.0166,
2.8968

■ 101.6195, 91.9067,
79.9000

■ 3.5060, 2.2570,
1.0422

■ 129.5489,
118.5855, 105.0688

■ 1.4267, 0.7508,
0.0000

162.1773,
149.9840, 135.0353

■ 0.2751, 0.0000,
0.0000

199.8700,

■ 0.0000, 0.0000,

186.4866, 170.2180

0.0000

242.9924,
228.4777, 211.0355

■ 29.5850, 24.7002,
18.8311

■ 29.5850, 24.7002,
18.8311

■ 26.8065, 20.6436,
13.2797

■ 32.9371, 29.5643,
25.6217

■ 24.5677, 17.3474,
8.8912

■ 36.8907, 35.2724,
33.7184

■ 22.8338, 14.7651,
5.5832


■ 41.4738, 41.8634,
43.1854


■ 21.5653, 12.8438,
3.2620


■ 46.7124, 49.3724,
54.0820


■ 20.7166, 11.5232,
1.8178


■ 52.6308, 57.8328,
66.4640


 20.2230, 10.7277,
1.0622

 59.2522, 67.2762,
80.3842

 20.1844, 10.6681,
0.9953

 66.5987, 77.7329,
95.8931

 73.7100, 88.8392,
107.8705

 73.8175, 89.0543,
107.9063

Harmonies

Analogous

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



30.5541, 24.7002, 27.1500



29.5850, 24.7002, 18.8311



26.9446, 24.7002, 13.9162

Triad

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



29.5850, 24.7002, 18.8311



18.3485, 24.7002, 18.4852



23.3879, 24.7002, 49.9861

Complementary

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



29.5850, 24.7002, 18.8311



31.6863, 39.2519, 51.8051

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.



20.3201, 24.7002, 46.1461



29.5850, 24.7002, 18.8311



17.5866, 24.7002, 26.6403

Square

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



29.5850, 24.7002, 18.8311



20.4603, 24.7002, 13.7526



18.2731, 24.7002, 36.9823



26.7760, 24.7002, 46.5123

Rectangle

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



29.5850, 24.7002, 18.8311



24.7081, 24.7002, 12.4962



18.2731, 24.7002, 36.9823



22.2871, 24.7002, 49.4956

Sweetspot

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



29.5856, 24.7014, 18.8316



71.4618, 70.9298, 71.5103



34.0494, 25.3794, 45.7518



15.1745, 14.9586, 14.9382



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.



29.5856, 24.7014, 18.8316



48.5325, 37.7376, 24.8188



34.7096, 34.9493, 20.5396



9.0632, 9.1294, 9.3914



13.7669, 7.3102, 0.6854



0.5056, 0.2984, 0.0309

Inverse Universe

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



31.6863, 39.2519, 51.8051



52.8239, 67.5522, 92.4594



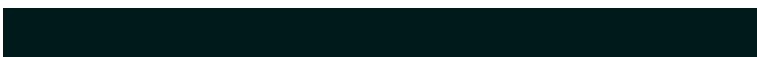
25.3896, 26.6586, 49.7062



9.2009, 10.0790, 11.5399



15.7220, 21.9036, 34.6523



0.5732, 0.8101, 1.2279

Previews

White Background



This preview shows how the XYZ color 29.5850, 24.7002, 18.8311 looks on a white background.

Color Contrast Check

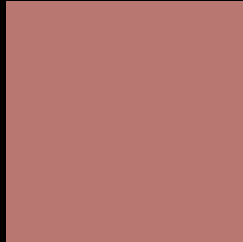
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5850, 24.7002, 18.8311 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 29.5850, 24.7002, 18.8311

Background



This preview shows how black text looks on a background with the XYZ color 29.5850, 24.7002, 18.8311.



This preview shows how white text looks on a background with the XYZ color 29.5850, 24.7002,

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

29.5850, 24.7002, 18.8311

Protanopia

23.6447, 24.8531, 21.9633

Deuteranopia

25.2836, 24.7512, 18.4838



Tritanopia

30.3769, 24.6680, 22.8990

Trichromacy



Original Color

29.5850, 24.7002, 18.8311

Protanomaly

25.4130, 24.5663, 20.8551

Deuteranomaly

26.6625, 24.6734, 18.6864

Tritanomaly

30.1793, 24.7764, 21.2809

Monochromacy



Original Color

29.5850, 24.7002, 18.8311

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.5963, 24.7861, 24.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5850, 24.7002, 18.8311 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(185, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(185, 119, 113)  
}
```

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(185, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 119, 113) }
```

Border

The CSS property to change the border of an element to XYZ 29.5850, 24.7002, 18.8311 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(185, 119, 113) }
```


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

```
.border{ border-color:rgb(185, 119, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 119, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(185, 119,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5850, 24.7002, 18.8311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 119, 113) }
```

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

```
.background{ background-color: rgb(185,  
119, 113) }
```

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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