

Converting Colors

XYZ(29.5206, 25.9417, 16.3472)

Have a look what the booklet for
XYZ(29.5206, 25.9417, 16.3472)
contains.

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Color

**XYZ(29.4375, 25.9683,
16.2928)**

Conversions

Conversions Part 1

Format	Color
Hex	B77E67
RGB	183, 126, 103
RGB Percent	72%, 49%, 40%
CMY	0.2824, 0.5059, 0.5961
CMYK	0.00, 0.31, 0.44, 0.28
HSL	17°, 36%, 56%
HSV	17°, 44%, 72%
XYZ	29.4375, 25.9683, 16.2928
YIQ	140.4210, 41.3550, 4.9310

Conversions

Conversions Part 2

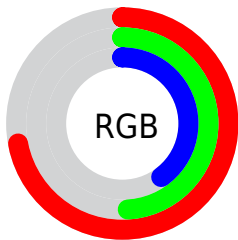
Format	Color
R_{YB}	183, 135, 103
Decimal	12025447
CIE Lab	58.01, 19.30, 21.42
CIE LCh	58, 28.828, 47.984
Yxy	25.9683, 0.4106, 0.3622
Android (android.graphics.Color)	4290215527 (0xFFB77E67)
YUV	140.4210, -18.4486, 37.3418
Hunter-Lab	50.9591, 13.9355, 16.7150

Details

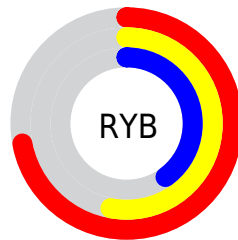
The XYZ color **29.4375, 25.9683, 16.2928** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7110, 31.4427, 49.4609**, and the grayscale version is **25.1501, 26.4599, 28.8148**.

A 20% lighter version of the original color is **58.2285, 53.2741, 37.7858**, and **12.2698, 10.1825, 5.0601** is the 20% darker color. If you saturate the color by 10%, you get **27.0577, 22.5214, 11.4532**, and if you desaturate by 10%, it is **32.2369, 29.9328, 22.2646**.

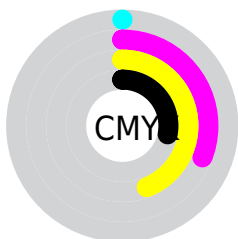
Distribution



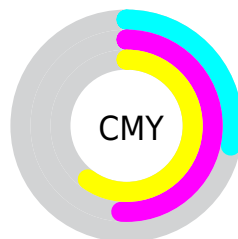
- Red (72%)
- Green (49%)
- Blue (40%)



- Red (72%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4375, 25.9683, 16.2928 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 29.4375, 25.9683, 16.2928 by changing the saturation by 10% instead.


 29.4375, 25.9683,
16.2928


 29.4375, 25.9683,
16.2928


291.2307,
282.6264, 242.9677


 19.5580, 16.7999,
9.5750


 58.1642, 53.2238,
37.8796


 12.1805, 10.0919,
5.0162


 77.7421, 72.0797,
53.5857

 6.9398, 5.4600,
2.1979


 101.2836, 94.9336,
73.1250

 3.4705, 2.5196,
0.6731

 129.1539,
122.1699, 96.9159

 1.4072, 0.8864,
0.0000

161.7184,
154.1729, 125.3772

 0.2613, 0.0000,
0.0000

199.3424,

 0.0000, 0.0000,

191.3270, 158.9272

0.0000

242.3914,
234.0168, 197.9845

■ 29.4375, 25.9683,
16.2928

■ 29.4375, 25.9683,
16.2928

■ 27.0577, 22.5214,
11.4532

■ 32.2369, 29.9328,
22.2646

■ 25.0741, 19.5662,
7.6716

■ 35.4740, 34.4316,
29.4333

■ 23.4634, 17.0804,
4.8674


■ 39.1679, 39.4855,
37.8602


■ 22.1993, 15.0381,
2.9476


■ 43.3363, 45.1128,
47.6022


■ 21.2507, 13.4105,
1.8005


■ 47.9955, 51.3311,
58.7127

 20.7844, 12.5792,
1.3326

 53.1614, 58.1572,
71.2420

 58.8488, 65.6072,
85.2379

 65.0723, 73.6966,
100.7460

 69.7323, 81.5951,
106.6819

Harmonies

Analogous

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



31.6097, 25.9683, 22.7610



29.4375, 25.9683, 16.2928



26.1016, 25.9683, 13.3674

Triad

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



29.4375, 25.9683, 16.2928



18.6985, 25.9683, 24.4701



26.8064, 25.9683, 50.7011

Complementary

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



29.4375, 25.9683, 16.2928



26.7110, 31.4427, 49.4609

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.



23.3150, 25.9683, 51.4672



29.4375, 25.9683, 16.2928



18.8487, 25.9683, 34.6146

Square

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



29.4375, 25.9683, 16.2928



20.0367, 25.9683, 17.2895



20.4685, 25.9683, 45.0375



29.9951, 25.9683, 43.1402

Rectangle

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



29.4375, 25.9683, 16.2928



23.7642, 25.9683, 13.2258



20.4685, 25.9683, 45.0375



25.6233, 25.9683, 51.8170

Sweetspot

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



29.4382, 25.9696, 16.2933



70.5025, 71.1977, 68.6235



30.7532, 22.3177, 36.0978



15.2314, 15.2624, 14.3715



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.



29.4382, 25.9696, 16.2933



48.7967, 40.8290, 21.1784



35.5524, 38.1980, 18.3314



9.2094, 9.4217, 9.4401



14.5515, 8.8793, 0.9469



0.5678, 0.4227, 0.0517

Inverse Universe

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



26.7110, 31.4427, 49.4609



43.2733, 51.7848, 87.9504



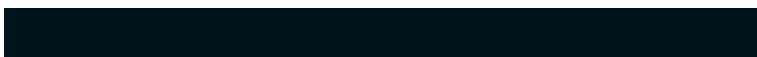
20.8976, 19.8160, 47.5231



9.0426, 9.7624, 11.4872



11.6276, 13.7149, 33.2875



0.4601, 0.5838, 1.1902

Previews

White Background



This preview shows how the XYZ color 29.4375, 25.9683, 16.2928 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 29.4375, 25.9683, 16.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

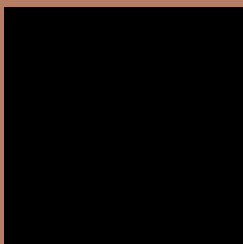
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4375, 25.9683, 16.2928

Background



This preview shows how black text looks on a background with the XYZ color 29.4375, 25.9683, 16.2928.



This preview shows how white text looks on a background with the XYZ color 29.4375, 25.9683,

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

29.4375, 25.9683, 16.2928

Protanopia

24.5328, 26.2499, 18.2417

Deuteranopia

26.5999, 26.0968, 15.9471



Tritanopia

31.3060, 25.9969, 24.8406

Trichromacy



Original Color

29.4375, 25.9683, 16.2928

Protanomaly

26.0158, 25.9665, 17.5508

Deuteranomaly

27.5278, 25.9626, 16.1308

Tritanomaly

30.5417, 25.8607, 21.4710

Monochromacy



Original Color

29.4375, 25.9683, 16.2928

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.2050, 25.9282, 23.7022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4375, 25.9683, 16.2928 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(183, 126, 103)` looks like.

```
.text, #text, p{  
    color:rgb(183, 126, 103)  
}
```

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(183, 126, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 126, 103) }
```

Border

The CSS property to change the border of an element to XYZ 29.4375, 25.9683, 16.2928 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(183, 126, 103) }
```


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

```
.border{ border-color:rgb(183, 126, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 126, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 126, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 126, 103);  
box-shadow:4px 4px 4px 4px rgb(183, 126,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4375, 25.9683, 16.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 126, 103) }
```

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

```
.background{ background-color: rgb(183,  
126, 103) }
```

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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