

Converting Colors

XYZ(29.1794, 25.6786, 12.5844)

Have a look what the booklet for
XYZ(29.1794, 25.6786, 12.5844)
contains.

XYZ(29.3448, 25.8109, 12.6679)	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(29.3448, 25.8109,
12.6679)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7D58
RGB	186, 125, 88
RGB Percent	73%, 49%, 35%
CMY	0.2706, 0.5098, 0.6549
CMYK	0.00, 0.33, 0.53, 0.27
HSL	23°, 42%, 54%
HSV	23°, 53%, 73%
XYZ	29.3448, 25.8109, 12.6679
YIQ	139.0210, 48.2330, 1.4250

Conversions

Conversions Part 2

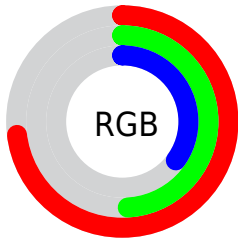
Format	Color
RYB	186, 147, 88
Decimal	12221784
CIELab	57.86, 19.59, 29.70
CIELCh	58, 35.580, 56.600
Yxy	25.8109, 0.4327, 0.3806
Android (android.graphics.Color)	4290411864 (0xFFBA7D58)
YUV	139.0210, -25.1534, 41.2006
Hunter-Lab	50.8044, 14.1944, 20.7794

Details

The XYZ color **29.3448, 25.8109, 12.6679** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.6344, 27.1137, 50.4421**, and the grayscale version is **24.6301, 25.9128, 28.2190**.

A 20% lighter version of the original color is **58.1640, 53.0882, 31.2262**, and **12.1906, 10.0748, 3.3999** is the 20% darker color. If you saturate the color by 10%, you get **27.2894, 22.7798, 8.6544**, and if you desaturate by 10%, it is **31.7689, 29.2649, 17.7745**.

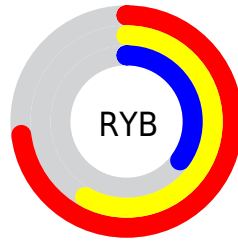
Distribution



Red (73%)

Green (49%)

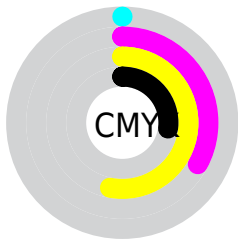
Blue (35%)



Red (73%)

Yellow (58%)

Blue (35%)

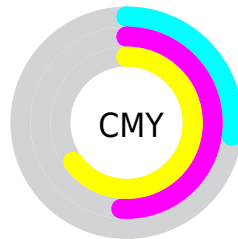


Cyan (0%)

Magenta (33%)

Yellow (53%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3448, 25.8109, 12.6679 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 29.3448, 25.8109, 12.6679 by changing the saturation by 10% instead.


 29.3448, 25.8109,
12.6679


 29.3448, 25.8109,
12.6679


290.8033,
281.8526, 219.9107


 19.4874, 16.6822,
7.0722


 58.0182, 52.9697,
31.3882

 12.1291, 10.0082,
3.4282


 77.5650, 71.7687,
45.3500


 6.9045, 5.4044,
1.3172


 101.0722, 94.5598,
62.9375

 3.4482, 2.4864,
0.0758

 128.9053,
121.7276, 84.5694

 1.3950, 0.8698,
0.0000

 161.4296,
153.6563, 110.6641

 0.2527, 0.0000,
0.0000

199.0105,

 0.0000, 0.0000,

190.7305, 141.6402

0.0000

242.0133,
233.3344, 177.9162

■ 29.3448, 25.8109,
12.6679

■ 29.3448, 25.8109,
12.6679

■ 27.2894, 22.7798,
8.6544

■ 31.7689, 29.2649,
17.7745

■ 25.5796, 20.1499,
5.6502

■ 34.5790, 33.1545,
24.0465

■ 24.1925, 17.9032,
3.5615

■ 37.7935, 37.4965,
31.5516

■ 23.1005, 16.0182,
2.2757

■ 41.4289, 42.3059,
40.3521

■ 22.4544, 14.8485,
1.6826

■ 45.5009, 47.5964,
50.5057

■ 50.0240, 53.3817,
62.0668

■ 55.0124, 59.6746,
75.0868

■ 60.4794, 66.4874,
89.6144

■ 66.3732, 73.8061,
105.3555

Harmonies

Analogous

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



32.6468, 25.8109, 18.8205



29.3448, 25.8109, 12.6679



25.0236, 25.8109, 10.5371

Triad

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



29.3448, 25.8109, 12.6679



17.2035, 25.8109, 26.7294



28.4028, 25.8109, 54.8682

Complementary

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



29.3448, 25.8109, 12.6679



23.6344, 27.1137, 50.4421

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.



24.0478, 25.8109, 58.7880



29.3448, 25.8109, 12.6679



17.8881, 25.8109, 40.0261

Square

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



29.3448, 25.8109, 12.6679



18.2863, 25.8109, 17.0281



20.2773, 25.8109, 52.7144



32.0601, 25.8109, 43.1684

Rectangle

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



29.3448, 25.8109, 12.6679



22.2569, 25.8109, 11.0336



20.2773, 25.8109, 52.7144



26.9582, 25.8109, 57.2635

Sweetspot

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



29.3454, 25.8122, 12.6684



72.6458, 73.4646, 67.1578



29.2499, 19.6229, 31.1285



15.6965, 15.7798, 14.0590



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.3454, 25.8122, 12.6684



49.0078, 40.6018, 14.8450



36.9420, 41.0053, 15.2006



9.2751, 9.5531, 9.4620



15.1737, 10.1238, 1.1543



0.5953, 0.4777, 0.0608

Inverse Universe

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



23.6344, 27.1137, 50.4421



37.5155, 43.1214, 90.5474



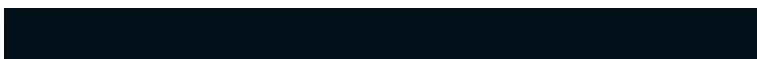
17.5478, 14.9405, 48.4133



8.9741, 9.6253, 11.4643



10.2204, 10.9004, 32.8184



0.4178, 0.4993, 1.1761

Previews

White Background



This preview shows how the XYZ color 29.3448, 25.8109, 12.6679 looks on a white background.

Color Contrast Check

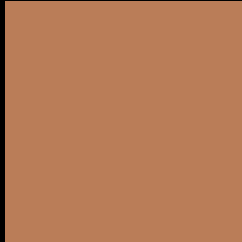
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3448, 25.8109, 12.6679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

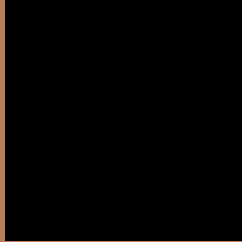
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3448, 25.8109, 12.6679

Background



This preview shows how black text looks on a background with the XYZ color 29.3448, 25.8109, 12.6679.



This preview shows how white text looks on a background with the XYZ color 29.3448, 25.8109,

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

29.3448, 25.8109, 12.6679

Protanopia

24.0155, 25.8527, 14.3140

Deuteranopia

26.4294, 25.8820, 12.4068



Tritanopia

31.6652, 25.8367, 24.0869

Trichromacy



Original Color

29.3448, 25.8109, 12.6679

Protanomaly

25.7667, 25.7154, 13.7307

Deuteranomaly

27.3821, 25.7673, 12.5472

Tritanomaly

30.7358, 25.8253, 19.2844

Monochromacy



Original Color

29.3448, 25.8109, 12.6679

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6256, 25.4742, 21.3357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3448, 25.8109, 12.6679 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(186, 125, 88)` looks like.

```
.text, #text, p{  
    color:rgb(186, 125, 88)  
}
```

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(186, 125, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 125, 88) }
```

Border

The CSS property to change the border of an element to XYZ 29.3448, 25.8109, 12.6679 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(186, 125, 88) }
```


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

```
.border{ border-color:rgb(186, 125, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 125, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 125, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 125, 88);  
box-shadow:4px 4px 4px 4px rgb(186, 125,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3448, 25.8109, 12.6679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 125, 88) }
```

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

```
.background{ background-color: rgb(186,  
125, 88) }
```

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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