

Converting Colors

XYZ(29.3108, 26.3035, 15.5888)

Have a look what the booklet for
XYZ(29.3108, 26.3035, 15.5888)
contains.

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Color

**XYZ(29.3108, 26.3035,
15.5888)**

Conversions

Conversions Part 1

Format	Color
Hex	B68064
RGB	182, 128, 100
RGB Percent	71%, 50%, 39%
CMY	0.2863, 0.4980, 0.6078
CMYK	0.00, 0.30, 0.45, 0.29
HSL	20°, 36%, 55%
HSV	20°, 45%, 71%
XYZ	29.3108, 26.3035, 15.5888
YIQ	140.9540, 41.1720, 2.7400

Conversions

Conversions Part 2

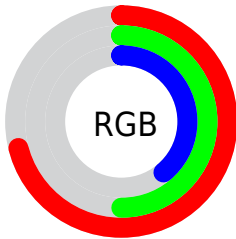
Format	Color
R_{YB}	182, 143, 100
Decimal	11960420
CIE Lab	58.32, 17.44, 23.52
CIE LCh	58, 29.280, 53.435
Yxy	26.3035, 0.4117, 0.3694
Android (android.graphics.Color)	4290150500 (0xFFB68064)
YUV	140.9540, -20.1903, 35.9973
Hunter-Lab	51.2869, 12.2617, 17.8795

Details

The XYZ color **29.3108, 26.3035, 15.5888** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.2541, 29.1967, 48.5603**, and the grayscale version is **25.3653, 26.6863, 29.0613**.

A 20% lighter version of the original color is **58.0450, 53.8074, 36.6047**, and **12.1910, 10.3610, 4.7255** is the 20% darker color. If you saturate the color by 10%, you get **27.0545, 23.0467, 10.9656**, and if you desaturate by 10%, it is **31.9498, 30.0109, 21.3110**.

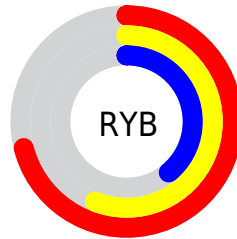
Distribution



Red (71%)

Green (50%)

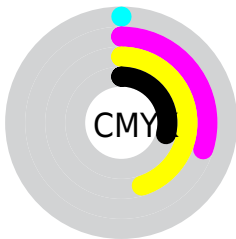
Blue (39%)



Red (71%)

Yellow (56%)

Blue (39%)

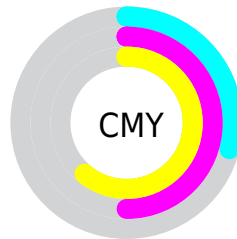


Cyan (0%)

Magenta (30%)

Yellow (45%)

Black (29%)



Cyan (29%)


Magenta (50%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3108, 26.3035, 15.5888 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 29.3108, 26.3035, 15.5888 by changing the saturation by 10% instead.


 29.3108, 26.3035,
15.5888


 29.3108, 26.3035,
15.5888


290.6464,
284.2688, 238.6652


 19.4615, 17.0508,
9.0825

 57.9647, 53.7642,
36.6397

 12.1102, 10.2707,
4.6975


 77.5000, 72.7409,
52.0212

 6.8915, 5.5788,
2.0153


 100.9947, 95.7279,
71.1983

 3.4401, 2.5907,
0.5646

 128.8141,
123.1094, 94.5895

 1.3905, 0.9220,
0.0000

161.3236,
155.2698, 122.6132

 0.2495, 0.0000,
0.0000

198.8886,

 0.0000, 0.0000,

192.5936, 155.6880

0.0000

241.8744,
235.4651, 194.2325

■ 29.3108, 26.3035,
15.5888

■ 29.3108, 26.3035,
15.5888

■ 27.0545, 23.0467,
10.9656

■ 31.9498, 30.0109,
21.3110

■ 25.1594, 20.2186,
7.3677

■ 34.9878, 34.1820,
28.1960

■ 23.6044, 17.8008,
4.7151


■ 38.4422, 38.8342,
36.3046


■ 22.3651, 15.7723,
2.9147


■ 42.3290, 43.9826,
45.6928


■ 21.4128, 14.1090,
1.8532


■ 46.6631, 49.6419,
56.4132

 21.0224, 13.4072,
1.4799

 51.4586, 55.8260,
68.5155

 56.7293, 62.5482,
82.0466

 62.4882, 69.8213,
97.0514

 67.2979, 77.0781,
105.9383

Harmonies

Analogous

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



31.8323, 26.3035, 21.5204



29.3108, 26.3035, 15.5888



25.7927, 26.3035, 13.2290

Triad

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



29.3108, 26.3035, 15.5888



18.7904, 26.3035, 26.4535



27.8272, 26.3035, 50.6927

Complementary

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



29.3108, 26.3035, 15.5888



25.2541, 29.1967, 48.5603

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.



24.2251, 26.3035, 52.9052



29.3108, 26.3035, 15.5888



19.2239, 26.3035, 37.1787

Square

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



29.3108, 26.3035, 15.5888



19.8893, 26.3035, 18.4643



21.1353, 26.3035, 47.4787



30.9204, 26.3035, 41.9998

Rectangle

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



29.3108, 26.3035, 15.5888



23.4416, 26.3035, 13.4745



21.1353, 26.3035, 47.4787



26.6274, 26.3035, 52.2927

Sweetspot

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



29.3115, 26.3048, 15.5893



70.2419, 71.1350, 67.1230



29.7371, 21.4150, 33.4301



15.1987, 15.2900, 14.0741



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.



29.3115, 26.3048, 15.5893



49.1027, 41.8612, 19.9852



35.6559, 38.9937, 17.7041



9.2486, 9.5002, 9.4532



14.9021, 9.5805, 1.0638



0.5842, 0.4555, 0.0571

Inverse Universe

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



25.2541, 29.1967, 48.5603



40.7875, 47.7039, 87.2938



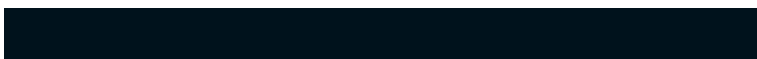
19.6790, 18.0465, 46.7020



9.0014, 9.6801, 11.4735



10.7562, 11.9721, 32.9970



0.4342, 0.5321, 1.1816

Previews

White Background



This preview shows how the XYZ color 29.3108, 26.3035, 15.5888 looks on a white background.

Color Contrast Check

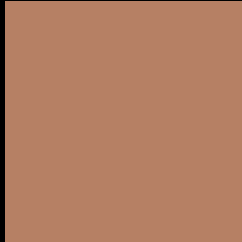
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3108, 26.3035, 15.5888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

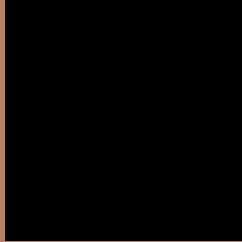
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3108, 26.3035, 15.5888

Background



This preview shows how black text looks on a background with the XYZ color 29.3108, 26.3035, 15.5888.



This preview shows how white text looks on a background with the XYZ color 29.3108, 26.3035,

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

29.3108, 26.3035, 15.5888

Protanopia

24.6904, 26.3554, 17.1504

Deuteranopia

26.8525, 26.4443, 15.4934



Tritanopia

31.4489, 26.4230, 25.6329

Trichromacy



Original Color

29.3108, 26.3035, 15.5888

Protanomaly

26.1526, 26.2690, 16.5240

Deuteranomaly

27.5167, 26.1740, 15.4062

Tritanomaly

30.5520, 26.2381, 21.5433

Monochromacy



Original Color

29.3108, 26.3035, 15.5888

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2804, 26.1826, 23.4073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3108, 26.3035, 15.5888 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, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(182, 128, 100)  
}
```

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, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 128, 100) }
```

Border

The CSS property to change the border of an element to XYZ 29.3108, 26.3035, 15.5888 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, 128, 100) }
```


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

```
.border{ border-color:rgb(182, 128, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 128, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(182, 128,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3108, 26.3035, 15.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 128, 100) }
```

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

```
.background{ background-color: rgb(182,  
128, 100) }
```

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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