

Converting Colors

XYZ(30.6688, 25.9984, 14.3785)

Have a look what the booklet for
XYZ(30.6688, 25.9984, 14.3785)
contains.

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Color

**XYZ(30.6801, 26.0868,
14.4846)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7B60
RGB	191, 123, 96
RGB Percent	75%, 48%, 38%
CMY	0.2510, 0.5176, 0.6235
CMYK	0.00, 0.36, 0.50, 0.25
HSL	17°, 43%, 56%
HSV	17°, 50%, 75%
XYZ	30.6801, 26.0868, 14.4846
YIQ	140.2540, 49.1950, 6.0190

Conversions

Conversions Part 2

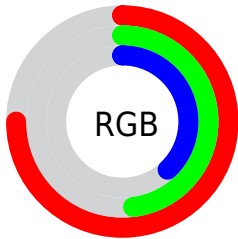
Format	Color
R_{YB}	191, 134, 96
Decimal	12548960
CIE _{Lab}	58.12, 23.51, 25.70
CIE _{LCh}	58, 34.825, 47.548
Yxy	26.0868, 0.4306, 0.3661
Android (android.graphics.Color)	4290739040 (0xFFBF7B60)
YUV	140.2540, -21.8172, 44.5042
Hunter-Lab	51.0752, 17.8405, 18.9384

Details

The XYZ color **30.6801, 26.0868, 14.4846** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.5026, 32.7977, 54.1710**, and the grayscale version is **25.0955, 26.4024, 28.7522**.

A 20% lighter version of the original color is **60.2161, 53.4812, 34.7529**, and **12.7684, 10.0552, 4.1736** is the 20% darker color. If you saturate the color by 10%, you get **28.3262, 22.6196, 9.8760**, and if you desaturate by 10%, it is **33.4858, 30.1158, 20.2983**.

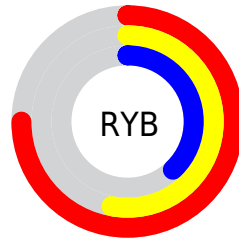
Distribution



Red (75%)

Green (48%)

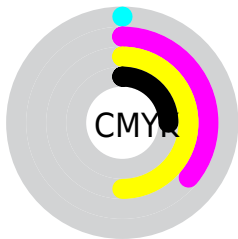
Blue (38%)



Red (75%)

Yellow (53%)

Blue (38%)

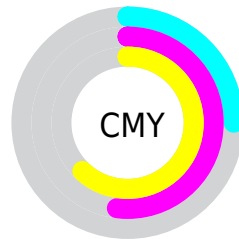


Cyan (0%)

Magenta (36%)

Yellow (50%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6801, 26.0868, 14.4846 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 30.6801, 26.0868, 14.4846 by changing the saturation by 10% instead.

■ 30.6801, 26.0868,
14.4846

■ 30.6801, 26.0868,
14.4846

296.9151,
283.2079, 231.7574

■ 20.5060, 16.8886,
8.3159

■ 60.1153, 53.4149,
34.6759

■ 12.8738, 10.1551,
4.2071

■ 80.1072, 72.3137,
49.5355

■ 7.4181, 5.5019,
1.7396

■ 104.1024, 95.2147,
68.1292

■ 3.7736, 2.5447,
0.3877

■ 132.4662,
122.5024, 90.8755

■ 1.5748, 0.8989,
0.0000

165.5640,
154.5611, 118.1929

■ 0.3759, 0.0000,
0.0000

203.7612,

■ 0.0000, 0.0000,

191.7754, 150.5000

0.0000

247.4231,
234.5295, 188.2153

■ 30.6801, 26.0868,
14.4846

■ 30.6801, 26.0868,
14.4846

■ 28.3262, 22.6196,
9.8760

■ 33.4858, 30.1158,
20.2983

■ 26.3967, 19.6843,
6.3847

■ 36.7646, 34.7266,
27.3931

■ 24.8638, 17.2544,
3.9136


■ 40.5390, 39.9433,
35.8408


■ 23.6952, 15.2988,
2.3475


■ 44.8291, 45.7870,
45.7070


■ 22.8382, 13.7769,
1.4699


■ 49.6541, 52.2782,
57.0535

 22.8186, 13.7420,
1.4498

 55.0319, 59.4361,
69.9379

 60.9800, 67.2792,
84.4151

 67.5146, 75.8254,
100.5372

 72.5040, 84.2328,
107.0449

Harmonies

Analogous

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



33.3570, 26.0868, 21.9623



30.6801, 26.0868, 14.4846



26.5845, 26.0868, 11.2277

Triad

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



30.6801, 26.0868, 14.4846



17.6901, 26.0868, 23.6855



27.3206, 26.0868, 56.7959

Complementary

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



30.6801, 26.0868, 14.4846



27.5026, 32.7977, 54.1710

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.



23.0872, 26.0868, 57.6482



30.6801, 26.0868, 14.4846



17.8395, 26.0868, 35.9964

Square

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



30.6801, 26.0868, 14.4846



19.2804, 26.0868, 15.4365



19.7147, 26.0868, 49.2137



31.2714, 26.0868, 47.1377

Rectangle

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



30.6801, 26.0868, 14.4846



23.7448, 26.0868, 11.0428



19.7147, 26.0868, 49.2137



25.8751, 26.0868, 58.2031

Sweetspot

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



30.6807, 26.0881, 14.4851



75.9472, 76.1076, 71.8220



32.3771, 22.1256, 37.7257



16.3241, 16.2304, 14.9625



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.6807, 26.0881, 14.4851



50.2742, 39.8247, 16.8265



38.0501, 40.8268, 16.9415



9.7451, 9.9662, 9.9867



15.0564, 9.1515, 0.9729



0.6475, 0.4740, 0.0574

Inverse Universe

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



27.5026, 32.7977, 54.1710



43.8520, 53.1271, 96.2224



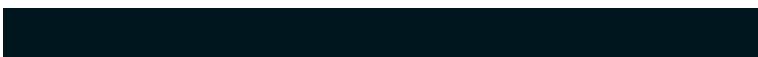
20.5409, 18.8743, 51.8504



9.5732, 10.3387, 12.1632



12.1030, 14.3178, 34.5186



0.5271, 0.6669, 1.3698

Previews

White Background



This preview shows how the XYZ color 30.6801, 26.0868, 14.4846 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 30.6801, 26.0868, 14.4846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

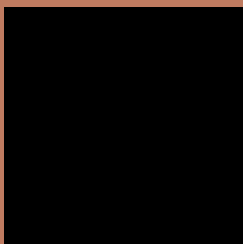
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6801, 26.0868, 14.4846

Background



This preview shows how black text looks on a background with the XYZ color 30.6801, 26.0868, 14.4846.



This preview shows how white text looks on a background with the XYZ color 30.6801, 26.0868,

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

30.6801, 26.0868, 14.4846

Protanopia

24.4039, 26.2195, 16.6066

Deuteranopia

26.6939, 26.1832, 14.2366



Tritanopia

32.7412, 26.2215, 23.7577

Trichromacy



Original Color

30.6801, 26.0868, 14.4846

Protanomaly

26.3424, 25.9696, 15.6808

Deuteranomaly

27.9527, 26.0216, 14.3759

Tritanomaly

31.8612, 26.0314, 19.8683

Monochromacy



Original Color

30.6801, 26.0868, 14.4846

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.4613, 25.8764, 22.6688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6801, 26.0868, 14.4846 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(191, 123, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 123, 96)  
}
```

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(191, 123, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 123, 96) }
```

Border

The CSS property to change the border of an element to XYZ 30.6801, 26.0868, 14.4846 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(191, 123, 96) }
```


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

```
.border{ border-color:rgb(191, 123, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 123, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 123, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 123, 96);  
box-shadow:4px 4px 4px 4px rgb(191, 123,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6801, 26.0868, 14.4846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 123, 96) }
```

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

```
.background{ background-color: rgb(191,  
123, 96) }
```

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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