

Converting Colors

XYZ(30.3321, 26.7828, 10.8240)

Have a look what the booklet for
XYZ(30.3321, 26.7828, 10.8240)
contains.

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Color

**XYZ(30.1997, 26.6760,
10.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7F4E
RGB	190, 127, 78
RGB Percent	75%, 50%, 31%
CMY	0.2549, 0.5019, 0.6941
CMYK	0.00, 0.33, 0.59, 0.25
HSL	26°, 46%, 53%
HSV	26°, 59%, 75%
XYZ	30.1997, 26.6760, 10.7650
YIQ	140.2510, 53.2770, -1.8830

Conversions

Conversions Part 2

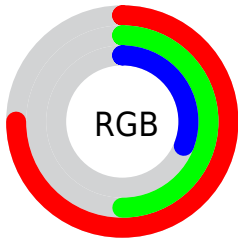
Format	Color
R_{YB}	190, 165, 78
Decimal	12484430
CIE _{Lab}	58.67, 19.32, 36.27
CIE _{LCh}	59, 41.091, 61.956
Yxy	26.6760, 0.4465, 0.3944
Android (android.graphics.Color)	4290674510 (0xFFBE7F4E)
YUV	140.2510, -30.6897, 43.6299
Hunter-Lab	51.6488, 13.9857, 23.7965

Details

The XYZ color **30.1997, 26.6760, 10.7650** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.9604, 24.3858, 52.2643**, and the grayscale version is **25.1267, 26.4353, 28.7880**.

A 20% lighter version of the original color is **59.2845, 54.3408, 27.7863**, and **12.6446, 10.5343, 2.6632** is the 20% darker color. If you saturate the color by 10%, you get **28.3067, 23.8273, 7.2451**, and if you desaturate by 10%, it is **32.4372, 29.8989, 15.3710**.

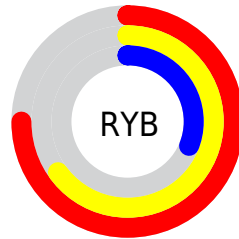
Distribution



Red (75%)

Green (50%)

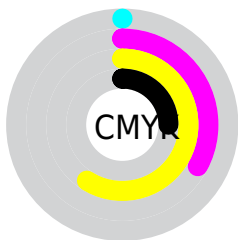
Blue (31%)



Red (75%)

Yellow (65%)

Blue (31%)

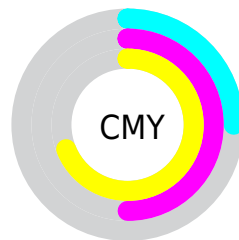


Cyan (0%)

Magenta (33%)

Yellow (59%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1997, 26.6760, 10.7650 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 30.1997, 26.6760, 10.7650 by changing the saturation by 10% instead.


 30.1997, 26.6760,
10.7650


 30.1997, 26.6760,
10.7650


294.7273,
286.0849, 206.7274


 20.1390, 17.3300,
5.7969


 59.3623, 54.3635,
27.8548


 12.6050, 10.4701,
2.6552


 79.1950, 73.4739,
40.8135


 7.2322, 5.7117,
0.9207


 103.0157, 96.6078,
57.2728

 3.6554, 2.6706,
0.0000

 131.1898,
124.1497, 77.6513

 1.5091, 0.9623,
0.0000

 164.0827,
156.4839, 102.3674

 0.3320, 0.0000,
0.0000

202.0596,

 0.0000, 0.0000,

193.9950, 131.8398

0.0000

245.4861,
237.0672, 166.4869

■ 30.1997, 26.6760,
10.7650

■ 30.1997, 26.6760,
10.7650

■ 28.3067, 23.8273,
7.2451

■ 32.4372, 29.8989,
15.3710

■ 26.7343, 21.3327,
4.7162

■ 35.0369, 33.5069,
21.1442

■ 25.4577, 19.1759,
3.0691

■ 38.0177, 37.5151,
28.1595

■ 24.4365, 17.3324,
2.1150

■ 41.3962, 41.9368,
36.4852

■ 24.3385, 17.1540,
2.0283

■ 45.1879, 46.7841,
46.1843

■ 49.4077, 52.0691,
57.3161

■ 54.0694, 57.8031,
69.9360

■ 59.1864, 63.9968,
84.0968

■ 64.7712, 70.6609,
99.8484

Harmonies

Analogous

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



34.5185, 26.6760, 16.6725



30.1997, 26.6760, 10.7650



25.0247, 26.6760, 9.1741

Triad

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



30.1997, 26.6760, 10.7650



16.8352, 26.6760, 30.0055



30.8495, 26.6760, 59.6084

Complementary

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



30.1997, 26.6760, 10.7650



21.9604, 24.3858, 52.2643

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.



25.6877, 26.6760, 66.6490



30.1997, 26.6760, 10.7650



17.9758, 26.6760, 46.3918

Square

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



30.1997, 26.6760, 10.7650



17.7135, 26.6760, 17.8343



21.0578, 26.6760, 61.1549



34.9274, 26.6760, 44.1808

Rectangle

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



30.1997, 26.6760, 10.7650



21.8944, 26.6760, 10.1338



21.0578, 26.6760, 61.1549



29.1617, 26.6760, 63.2282

Sweetspot

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



30.2003, 26.6773, 10.7655



75.4433, 76.5476, 67.1908



28.8021, 18.3331, 27.4024



16.1503, 16.2697, 13.7115



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.



30.2003, 26.6773, 10.7655



50.3222, 41.6621, 11.4744



39.4475, 45.1717, 13.8479



9.8644, 10.2047, 10.0264



16.2592, 11.5572, 1.3738



0.7020, 0.5830, 0.0755

Inverse Universe

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



21.9604, 24.3858, 52.2643



33.9654, 37.0451, 93.6394



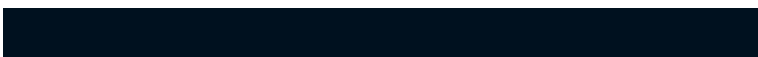
15.7217, 11.9084, 50.1847



9.4496, 10.0916, 12.1220



9.7462, 9.6042, 33.7330



0.4458, 0.5043, 1.3427

Previews

White Background



This preview shows how the XYZ color 30.1997, 26.6760, 10.7650 looks on a white background.

Color Contrast Check

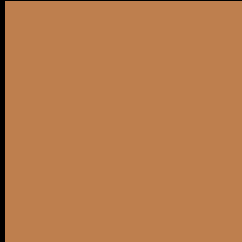
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1997, 26.6760, 10.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

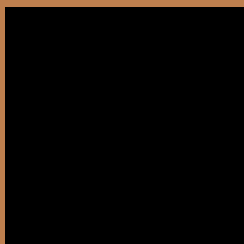
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1997, 26.6760, 10.7650

Background



This preview shows how black text looks on a background with the XYZ color 30.1997, 26.6760, 10.7650.



This preview shows how white text looks on a background with the XYZ color 30.1997, 26.6760,

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

30.1997, 26.6760, 10.7650

Protanopia

24.7519, 26.9391, 12.0788

Deuteranopia

27.2021, 26.7340, 10.5639



Tritanopia

33.1148, 26.7558, 24.5381

Trichromacy



Original Color

30.1997, 26.6760, 10.7650

Protanomaly

26.5793, 26.8102, 11.5586

Deuteranomaly

28.1812, 26.6221, 10.6744

Tritanomaly

31.9445, 26.6511, 18.4994

Monochromacy



Original Color

30.1997, 26.6760, 10.7650

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9754, 25.8814, 20.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1997, 26.6760, 10.7650 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(190, 127, 78)` looks like.

```
.text, #text, p{  
    color:rgb(190, 127, 78)  
}
```

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(190, 127, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 127, 78) }
```

Border

The CSS property to change the border of an element to XYZ 30.1997, 26.6760, 10.7650 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(190, 127, 78) }
```


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

```
.border{ border-color:rgb(190, 127, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 127, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 127, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 127, 78);  
box-shadow:4px 4px 4px 4px rgb(190, 127,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1997, 26.6760, 10.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 127, 78) }
```

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

```
.background{ background-color: rgb(190,  
127, 78) }
```

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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