

Converting Colors

XYZ(32.0953, 26.7790, 10.8010)

Have a look what the booklet for
XYZ(32.0953, 26.7790, 10.8010)
contains.

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Color

**XYZ(32.1902, 26.7629,
10.8663)**

Conversions

Conversions Part 1

Format	Color
Hex	C87A4F
RGB	200, 122, 79
RGB Percent	78%, 48%, 31%
CMY	0.2157, 0.5215, 0.6902
CMYK	0.00, 0.39, 0.60, 0.22
HSL	21°, 52%, 55%
HSV	21°, 60%, 78%
XYZ	32.1902, 26.7629, 10.8663
YIQ	140.4200, 60.2910, 3.1630

Conversions

Conversions Part 2

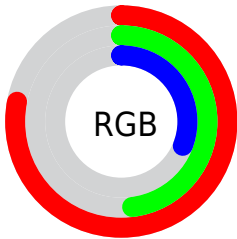
Format	Color
R_{YB}	200, 146, 79
Decimal	13138511
CIE Lab	58.75, 26.31, 36.12
CIE LCh	59, 44.682, 53.932
Yxy	26.7629, 0.4610, 0.3833
Android (android.graphics.Color)	4291328591 (0xFFC87A4F)
YUV	140.4200, -30.2801, 52.2517
Hunter-Lab	51.7329, 20.5371, 23.7594

Details

The XYZ color **32.1902, 26.7629, 10.8663** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.7060, 29.9448, 59.0683**, and the grayscale version is **25.1892, 26.5011, 28.8596**.

A 20% lighter version of the original color is **60.5324, 53.5049, 27.9060**, and **13.7334, 10.4898, 2.6674** is the 20% darker color. If you saturate the color by 10%, you get **30.0895, 23.5567, 7.0989**, and if you desaturate by 10%, it is **34.7211, 30.4795, 15.8579**.

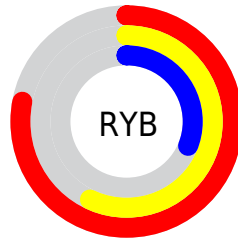
Distribution



Red (78%)

Green (48%)

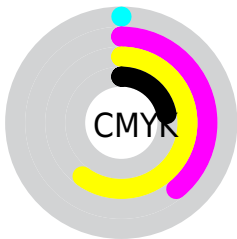
Blue (31%)



Red (78%)

Yellow (57%)

Blue (31%)

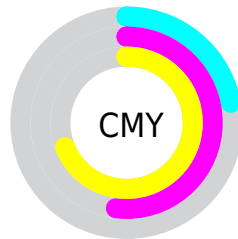


Cyan (0%)

Magenta (39%)

Yellow (60%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1902, 26.7629, 10.8663 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 32.1902, 26.7629, 10.8663 by changing the saturation by 10% instead.

■ 32.1902, 26.7629,
10.8663

■ 32.1902, 26.7629,
10.8663

303.7147,
286.5073, 207.4524

■ 21.6631, 17.3952,
5.8640

■ 62.4723, 54.5032,
28.0455

■ 13.7248, 10.5167,
2.6951

■ 82.9580, 73.6445,
41.0595

■ 8.0099, 5.7429,
0.9410

■ 107.4940, 96.8126,
57.5811

■ 4.1531, 2.6894,
0.0000

■ 136.4455,
124.3918, 78.0289

■ 1.7891, 0.9718,
0.0000

■ 170.1780,
156.7665, 102.8213

■ 0.5111, 0.0000,
0.0000

209.0568,

■ 0.0000, 0.0000,

194.3210, 132.3770

0.0000

253.4472,
237.4398, 167.1146

■ 32.1902, 26.7629,
10.8663

■ 32.1902, 26.7629,
10.8663

■ 30.0895, 23.5567,
7.0989

■ 34.7211, 30.4795,
15.8579

■ 28.3887, 20.8321,
4.4443

■ 37.7060, 34.7249,
22.1685

■ 27.0554, 18.5635,
2.7733

■ 41.1687, 39.5217,
29.8852

■ 26.0777, 16.7962,
1.8675

■ 45.1310, 44.8897,
39.0874

■ 49.6130, 50.8478,
49.8482

■ 54.6336, 57.4137,
62.2360

■ 60.2111, 64.6047,
76.3151

■ 66.3623, 72.4372,
92.1463

■ 72.4529, 80.6665,
106.3593

Harmonies

Analogous

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



36.3877, 26.7629, 18.4942



32.1902, 26.7629, 10.8663



26.5725, 26.7629, 8.1986

Triad

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



32.1902, 26.7629, 10.8663



16.2987, 26.7629, 26.0523



29.9760, 26.7629, 66.5469

Complementary

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



32.1902, 26.7629, 10.8663



25.7060, 29.9448, 59.0683

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.



24.3349, 26.7629, 70.8607



32.1902, 26.7629, 10.8663



16.9390, 26.7629, 43.2440

Square

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



32.1902, 26.7629, 10.8663



17.8065, 26.7629, 14.6911



19.7018, 26.7629, 61.1439



34.9858, 26.7629, 50.8733

Rectangle

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



32.1902, 26.7629, 10.8663



22.9736, 26.7629, 8.5124



19.7018, 26.7629, 61.1439



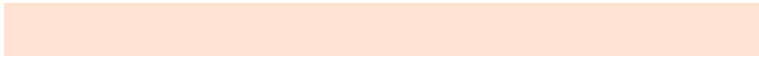
28.0712, 26.7629, 69.5636

Sweetspot

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



32.1908, 26.7643, 10.8668



79.7981, 79.9426, 71.6112



32.7568, 20.3281, 34.3873



16.6142, 16.4870, 14.2241



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.1908, 26.7643, 10.8668



50.9749, 39.0185, 10.4505



41.9278, 46.2382, 14.1125



10.9372, 11.2435, 11.1565



16.6585, 10.8341, 1.2132



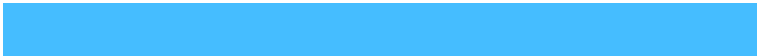
0.8571, 0.6496, 0.0802

Inverse Universe

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



25.7060, 29.9448, 59.0683



38.6568, 44.8061, 101.2188



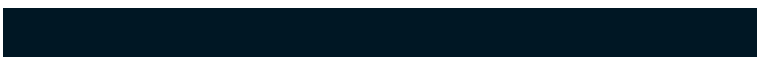
17.9385, 14.4098, 56.4792



10.6173, 11.4087, 13.5600



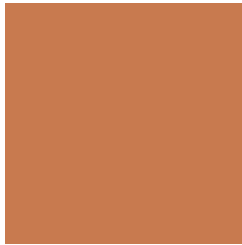
11.7004, 12.7948, 36.5973



0.6205, 0.7388, 1.7550

Previews

White Background



This preview shows how the XYZ color 32.1902, 26.7629, 10.8663 looks on a white background.

Color Contrast Check

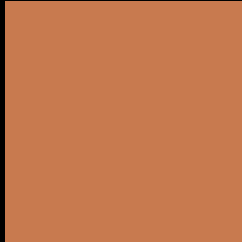
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1902, 26.7629, 10.8663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

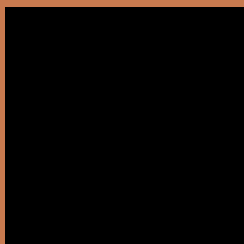
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1902, 26.7629, 10.8663

Background



This preview shows how black text looks on a background with the XYZ color 32.1902, 26.7629, 10.8663.



This preview shows how white text looks on a background with the XYZ color 32.1902, 26.7629,

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

32.1902, 26.7629, 10.8663

Protanopia

24.8703, 26.9865, 12.7022

Deuteranopia

27.4240, 26.8484, 10.5743



Tritanopia

34.5757, 26.6680, 22.7271

Trichromacy



Original Color

32.1902, 26.7629, 10.8663

Protanomaly

27.0199, 26.6104, 11.8958

Deuteranomaly

28.8506, 26.5684, 10.6288

Tritanomaly

33.5423, 26.5961, 17.5531

Monochromacy



Original Color

32.1902, 26.7629, 10.8663

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.5578, 25.7644, 20.7128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1902, 26.7629, 10.8663 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(200, 122, 79)` looks like.

```
.text, #text, p{  
    color:rgb(200, 122, 79)  
}
```

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(200, 122, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 122, 79) }
```

Border

The CSS property to change the border of an element to XYZ 32.1902, 26.7629, 10.8663 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(200, 122, 79) }
```


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

```
.border{ border-color:rgb(200, 122, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 122, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 122, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 122, 79);  
box-shadow:4px 4px 4px 4px rgb(200, 122,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1902, 26.7629, 10.8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 122, 79) }
```

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

```
.background{ background-color: rgb(200,  
122, 79) }
```

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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