

Converting Colors

XYZ(30.8761, 26.0761, 9.9878)

Have a look what the booklet for
XYZ(30.8761, 26.0761, 9.9878)
contains.

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Color

**XYZ(30.9945, 26.1628,
10.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	C47A4B
RGB	196, 122, 75
RGB Percent	77%, 48%, 29%
CMY	0.2314, 0.5215, 0.7059
CMYK	0.00, 0.38, 0.62, 0.23
HSL	23°, 51%, 53%
HSV	23°, 62%, 77%
XYZ	30.9945, 26.1628, 10.0730
YIQ	138.7680, 59.1910, 1.0710

Conversions

Conversions Part 2

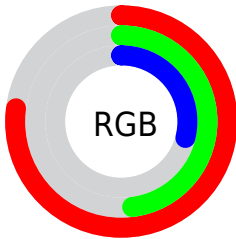
Format	Color
RYB	196, 152, 75
Decimal	12876363
CIELab	58.19, 24.36, 37.46
CIELCh	58, 44.687, 56.962
Yxy	26.1628, 0.4610, 0.3892
Android (android.graphics.Color)	4291066443 (0xFFC47A4B)
YUV	138.7680, -31.4376, 50.1925
Hunter-Lab	51.1496, 18.6517, 24.1286

Details

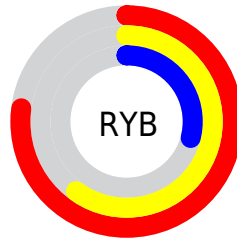
The XYZ color **30.9945, 26.1628, 10.0730** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **23.6124, 26.9751, 56.1866**, and the grayscale version is **24.5531, 25.8318, 28.1308**.

A 20% lighter version of the original color is **60.2716, 53.4006, 26.5327**, and **13.0734, 10.2522, 2.3884** is the 20% darker color. If you saturate the color by 10%, you get **29.0421, 23.1715, 6.6070**, and if you desaturate by 10%, it is **33.3363, 29.6025, 14.6886**.

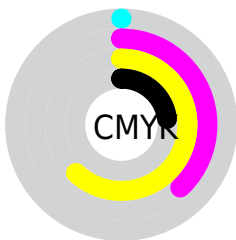
Distribution



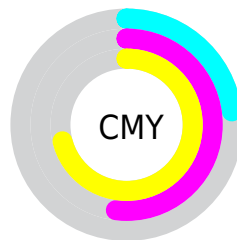
- Red (77%)
- Green (48%)
- Blue (29%)



- Red (77%)
- Yellow (60%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (62%)
- Black (23%)





- Cyan (23%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9945, 26.1628, 10.0730 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 30.9945, 26.1628, 10.0730 by changing the saturation by 10% instead.


 30.9945, 26.1628,
10.0730


 30.9945, 26.1628,
10.0730


298.3403,
283.5803, 201.6960


 20.7465, 16.9455,
5.3411


 60.6073, 53.5375,
26.5427

 13.0502, 10.1956,
2.3866


 80.7028, 72.4636,
39.1176


 7.5404, 5.5289,
0.7791


 104.8115, 95.3948,
55.1439

 3.8516, 2.5608,
0.0000

 133.2987,
122.7154, 75.0402

 1.6185, 0.9070,
0.0000

 166.5299,
154.8099, 99.2251

 0.4044, 0.0000,
0.0000

204.8703,

 0.0000, 0.0000,

192.0626, 128.1169

0.0000

248.6853,
234.8580, 162.1344

■ 30.9945, 26.1628,
10.0730

■ 30.9945, 26.1628,
10.0730

■ 29.0421, 23.1715,
6.6070

■ 33.3363, 29.6025,
14.6886

■ 27.4511, 20.6035,
4.1833

■ 36.0890, 33.5060,
20.5451

■ 26.1915, 18.4369,
2.6764

■ 39.2747, 37.8927,
27.7258

■ 25.3589, 16.9238,
1.9301

■ 42.9131, 42.7795,
36.3067

■ 47.0226, 48.1824,
46.3577

■ 51.6204, 54.1169,
57.9443

■ 56.7230, 60.5975,
71.1276

■ 62.3460, 67.6383,
85.9657

■ 68.5042, 75.2528,
102.5136

Harmonies

Analogous

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



35.3639, 26.1628, 16.9814



30.9945, 26.1628, 10.0730



25.4236, 26.1628, 7.8645

Triad

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



30.9945, 26.1628, 10.0730



15.8420, 26.1628, 26.9335



29.8992, 26.1628, 64.2433

Complementary

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



30.9945, 26.1628, 10.0730



23.6124, 26.9751, 56.1866

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.



24.3185, 26.1628, 69.9105



30.9945, 26.1628, 10.0730



16.6846, 26.1628, 44.2804

Square

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



30.9945, 26.1628, 10.0730



17.1116, 26.1628, 15.1130



19.6054, 26.1628, 61.5602



34.6697, 26.1628, 48.0612

Rectangle

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



30.9945, 26.1628, 10.0730



21.9480, 26.1628, 8.4095



19.6054, 26.1628, 61.5602



28.0338, 26.1628, 67.6488

Sweetspot

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



30.9951, 26.1641, 10.0735



79.4732, 79.7944, 69.9566



30.7553, 18.9578, 30.7310



16.5692, 16.4943, 13.9091



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.



30.9951, 26.1641, 10.0735



51.5525, 40.2974, 10.2618



40.7390, 45.6518, 13.3214



10.3869, 10.7052, 10.5807



16.3723, 11.0305, 1.2662



0.7744, 0.6105, 0.0770

Inverse Universe

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



23.6124, 26.9751, 56.1866



36.9829, 41.7204, 100.7114



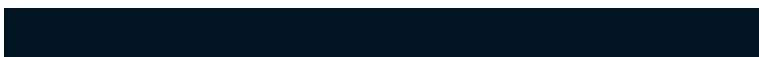
16.4478, 12.6459, 53.7984



10.0294, 10.7501, 12.8312



10.7926, 11.3418, 35.1770



0.5316, 0.6206, 1.5417

Previews

White Background



This preview shows how the XYZ color 30.9945, 26.1628, 10.0730 looks on a white background.

Color Contrast Check

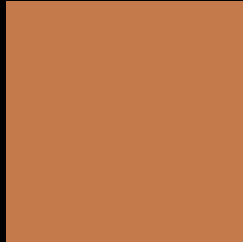
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9945, 26.1628, 10.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

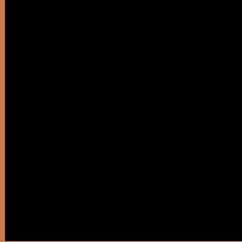
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.9945, 26.1628, 10.0730

Background



This preview shows how black text looks on a background with the XYZ color 30.9945, 26.1628, 10.0730.



This preview shows how white text looks on a background with the XYZ color 30.9945, 26.1628,

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

30.9945, 26.1628, 10.0730

Protanopia

24.1897, 26.2203, 11.5707

Deuteranopia

26.7081, 26.2887, 9.7975



Tritanopia

33.5003, 26.1136, 22.6768

Trichromacy



Original Color

30.9945, 26.1628, 10.0730

Protanomaly

26.1610, 25.7746, 10.9933

Deuteranomaly

28.2413, 26.2701, 9.8855

Tritanomaly

32.4210, 26.0242, 17.2243

Monochromacy



Original Color

30.9945, 26.1628, 10.0730

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.0371, 25.5096, 20.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9945, 26.1628, 10.0730 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(196, 122, 75)` looks like.

```
.text, #text, p{  
    color:rgb(196, 122, 75)  
}
```

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(196, 122, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 122, 75) }
```

Border

The CSS property to change the border of an element to XYZ 30.9945, 26.1628, 10.0730 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(196, 122, 75) }
```


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

```
.border{ border-color:rgb(196, 122, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 122, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 122, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 122, 75);  
box-shadow:4px 4px 4px 4px rgb(196, 122,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9945, 26.1628, 10.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 122, 75) }
```

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

```
.background{ background-color: rgb(196,  
122, 75) }
```

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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