

Converting Colors

XYZ(30.2041, 25.2663, 7.6998)

Have a look what the booklet for
XYZ(30.2041, 25.2663, 7.6998)
contains.

XYZ(30.2041, 25.2663, 7.6998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2041, 25.2663,
7.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	C4773D
RGB	196, 119, 61
RGB Percent	77%, 47%, 24%
CMY	0.2314, 0.5333, 0.7608
CMYK	0.00, 0.39, 0.69, 0.23
HSL	26°, 53%, 50%
HSV	26°, 69%, 77%
XYZ	30.2041, 25.2663, 7.6998
YIQ	135.4110, 64.5100, -1.7140

Conversions

Conversions Part 2

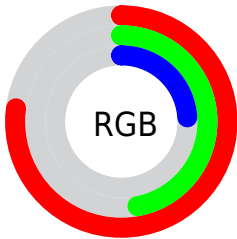
Format	Color
RYB	196, 163, 61
Decimal	12875581
CIE Lab	57.33, 25.11, 43.73
CIE LCh	57, 50.427, 60.138
Yxy	25.2663, 0.4781, 0.4000
Android (android.graphics.Color)	4291065661 (0xFFC4773D)
YUV	135.4110, -36.6846, 53.1366
Hunter-Lab	50.2656, 19.2941, 26.1037

Details

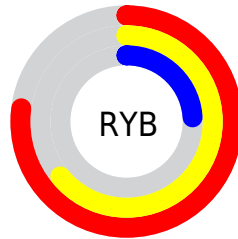
The XYZ color **30.2041, 25.2663, 7.6998** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **20.9762, 23.1534, 55.5878**, and the grayscale version is **23.2980, 24.5113, 26.6928**.

A 20% lighter version of the original color is **58.8618, 51.9127, 21.9567**, and **12.5671, 9.7228, 1.5309** is the 20% darker color. If you saturate the color by 10%, you get **28.5165, 22.5873, 4.9915**, and if you desaturate by 10%, it is **32.2423, 28.3381, 11.4769**.

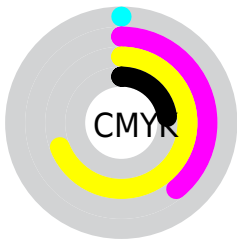
Distribution



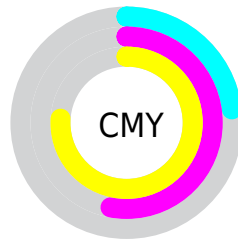
- Red (77%)
- Green (47%)
- Blue (24%)



- Red (77%)
- Yellow (64%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (69%)
- Black (23%)





- Cyan (23%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2041, 25.2663, 7.6998 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 30.2041, 25.2663, 7.6998 by changing the saturation by 10% instead.


 30.2041, 25.2663,
7.6998


 30.2041, 25.2663,
7.6998


294.7474,
279.1615, 183.2039


 20.1424, 16.2756,
3.8185


 59.3692, 52.0889,
21.9042


 12.6075, 9.7194,
1.5263

 79.2033, 70.6896,
33.0643


 7.2339, 5.2133,
0.2374


 103.0257, 93.2624,
47.4877

 3.6565, 2.3729,
0.0000

 131.2015,
120.1916, 65.5930

 1.5097, 0.8119,
0.0000

 164.0963,
151.8618, 87.7988

 0.3324, 0.0000,
0.0000

 202.0753,

 0.0000, 0.0000,

188.6572, 114.5234

0.0000

245.5039,
230.9623, 146.1856

■ 30.2041, 25.2663,
7.6998

■ 30.2041, 25.2663,
7.6998

■ 28.5165, 22.5873,
4.9915

■ 32.2423, 28.3381,
11.4769

■ 27.1500, 20.2774,
3.2320

■ 34.6533, 31.8166,
16.4226

■ 26.0625, 18.3118,
2.2241

■ 37.4592, 35.7195,
22.6264

■ 25.9518, 18.1097,
2.1277

■ 40.6798, 40.0622,
30.1689

■ 44.3332, 44.8593,
39.1236

■ 48.4364, 50.1244,
49.5588

■ 53.0054, 55.8708,
61.5383

■ 58.0556, 62.1109,
75.1221

■ 63.6012, 68.8568,
90.3670

Harmonies

Analogous

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



35.3889, 25.2663, 14.0724



30.2041, 25.2663, 7.6998



23.9871, 25.2663, 5.9772

Triad

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



30.2041, 25.2663, 7.6998



14.2575, 25.2663, 27.5903



30.2602, 25.2663, 66.9245

Complementary

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



30.2041, 25.2663, 7.6998



20.9762, 23.1534, 55.5878

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.



24.0426, 25.2663, 75.3000



30.2041, 25.2663, 7.6998



15.3835, 25.2663, 47.5680

Square

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



30.2041, 25.2663, 7.6998



15.3628, 25.2663, 14.1606



18.7347, 25.2663, 67.0684



35.4249, 25.2663, 47.3699

Rectangle

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



30.2041, 25.2663, 7.6998



20.2712, 25.2663, 6.7343



18.7347, 25.2663, 67.0684



28.1932, 25.2663, 71.4308

Sweetspot

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



30.2047, 25.2676, 7.7003



78.6147, 79.0564, 66.6523



29.1489, 16.9595, 26.4518



16.4240, 16.3940, 13.2747



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.



30.2047, 25.2676, 7.7003



50.2475, 38.5671, 7.1152



40.9039, 46.6660, 11.2667



10.4211, 10.7736, 10.5921



16.7572, 11.8002, 1.3945



0.7923, 0.6465, 0.0830

Inverse Universe

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



20.9762, 23.1534, 55.5878



32.3475, 34.3141, 99.5261



14.2220, 9.6449, 53.3364



9.9944, 10.6801, 12.8195



10.1969, 10.1502, 34.9784



0.5079, 0.5732, 1.5338

Previews

White Background



This preview shows how the XYZ color 30.2041, 25.2663, 7.6998 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 30.2041, 25.2663, 7.6998 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 30.2041, 25.2663, 7.6998

Background



This preview shows how black text looks on a background with the XYZ color 30.2041, 25.2663, 7.6998.



This preview shows how white text looks on a background with the XYZ color 30.2041, 25.2663,

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

30.2041, 25.2663, 7.6998

Protanopia

23.2385, 25.3545, 8.9793

Deuteranopia

25.6746, 25.1960, 7.5131



Tritanopia

33.0648, 25.2482, 21.2198

Trichromacy



Original Color

30.2041, 25.2663, 7.6998

Protanomaly

25.4326, 25.0493, 8.4956

Deuteranomaly

27.2012, 25.1978, 7.5677

Tritanomaly

31.9361, 25.3044, 15.0054

Monochromacy



Original Color

30.2041, 25.2663, 7.6998

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.4617, 23.9513, 17.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2041, 25.2663, 7.6998 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, 119, 61)` looks like.

```
.text, #text, p{  
    color:rgb(196, 119, 61)  
}
```

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, 119, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 119, 61) }
```

Border

The CSS property to change the border of an element to XYZ 30.2041, 25.2663, 7.6998 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, 119, 61) }
```


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

```
.border{ border-color:rgb(196, 119, 61) }
```

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

Here you see how a box with a 4 pixel rgb(196, 119, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 119, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 119, 61);  
box-shadow:4px 4px 4px 4px rgb(196, 119,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2041, 25.2663, 7.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 119, 61) }
```

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

```
.background{ background-color: rgb(196,  
119, 61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor