

Converting Colors

XYZ(30.5803, 26.2801, 14.4838)

Have a look what the booklet for
XYZ(30.5803, 26.2801, 14.4838)
contains.

XYZ(30.5542, 26.2070, 14.5144)	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(30.5542, 26.2070,
14.5144)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7C60
RGB	190, 124, 96
RGB Percent	75%, 49%, 38%
CMY	0.2549, 0.5137, 0.6235
CMYK	0.00, 0.35, 0.49, 0.25
HSL	18°, 42%, 56%
HSV	18°, 49%, 75%
XYZ	30.5542, 26.2070, 14.5144
YIQ	140.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

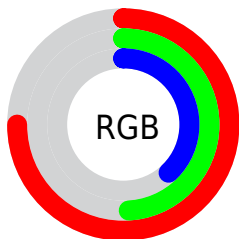
Format	Color
RYB	190, 136, 96
Decimal	12483680
CIELab	58.23, 22.55, 25.82
CIELCh	58, 34.279, 48.874
Yxy	26.2070, 0.4287, 0.3677
Android (android.graphics.Color)	4290673760 (0xFFBE7C60)
YUV	140.5420, -21.9592, 43.3747
Hunter-Lab	51.1928, 16.9497, 19.0248

Details

The XYZ color **30.5542, 26.2070, 14.5144** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0378, 32.0437, 53.4751**, and the grayscale version is **25.2087, 26.5216, 28.8820**.

A 20% lighter version of the original color is **60.0555, 53.6906, 34.8018**, and **12.8347, 10.1876, 4.1957** is the 20% darker color. If you saturate the color by 10%, you get **28.2228, 22.7790, 9.9307**, and if you desaturate by 10%, it is **33.3245, 30.1745, 20.2879**.

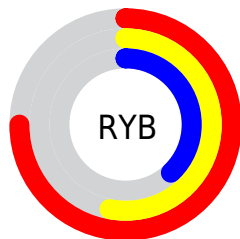
Distribution



Red (75%)

Green (49%)

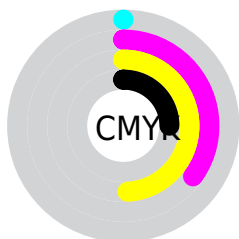
Blue (38%)



Red (75%)

Yellow (53%)

Blue (38%)

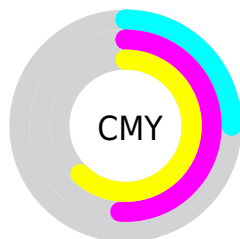


Cyan (0%)

Magenta (35%)

Yellow (49%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5542, 26.2070, 14.5144 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 30.5542, 26.2070, 14.5144 by changing the saturation by 10% instead.


 30.5542, 26.2070,
14.5144


 30.5542, 26.2070,
14.5144


296.3429,
283.7968, 231.9465


 20.4098, 16.9786,
8.3365


 59.9181, 53.6087,
34.7292


 12.8033, 10.2192,
4.2202


 79.8684, 72.5508,
49.6031

 7.3693, 5.5445,
1.7469


 103.8179, 95.4995,
68.2128

 3.7425, 2.5702,
0.3926

 132.1322,
122.8392, 90.9768

 1.5575, 0.9117,
0.0000

165.1764,
154.9545, 118.3136

 0.3645, 0.0000,
0.0000

203.3161,

 0.0000, 0.0000,

192.2295, 150.6418

0.0000

246.9164,
235.0488, 188.3799

■ 30.5542, 26.2070,
14.5144

■ 30.5542, 26.2070,
14.5144

■ 28.2228, 22.7790,
9.9307

■ 33.3245, 30.1745,
20.2879

■ 26.3038, 19.8624,
6.4506

■ 36.5542, 34.7001,
27.3258

■ 24.7707, 17.4322,
3.9788


■ 40.2647, 39.8065,
35.6987


■ 23.5923, 15.4594,
2.4024


■ 44.4757, 45.5137,
45.4712


■ 22.7190, 13.9061,
1.5155


■ 49.2053, 51.8409,
56.7037

 22.6788, 13.8345,
1.4750

 54.4711, 58.8062,
69.4532

 60.2895, 66.4271,
83.7736

 66.6766, 74.7204,
99.7160

 71.6541, 82.9051,
106.8334

Harmonies

Analogous

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



33.2781, 26.2070, 21.7423



30.5542, 26.2070, 14.5144



26.4860, 26.2070, 11.4324

Triad

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



30.5542, 26.2070, 14.5144



17.8506, 26.2070, 24.3353



27.5895, 26.2070, 56.1925

Complementary

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



30.5542, 26.2070, 14.5144



27.0378, 32.0437, 53.4751

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.



23.3958, 26.2070, 57.4616



30.5542, 26.2070, 14.5144



18.0757, 26.2070, 36.6128

Square

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



30.5542, 26.2070, 14.5144



19.3521, 26.2070, 15.9555



20.0058, 26.2070, 49.5241



31.4391, 26.2070, 46.4274

Rectangle

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



30.5542, 26.2070, 14.5144



23.6943, 26.2070, 11.3476



20.0058, 26.2070, 49.5241



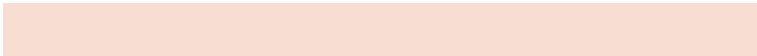
26.1644, 26.2070, 57.7116

Sweetspot

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



30.5548, 26.2083, 14.5149



76.0811, 76.3754, 71.8666



32.0619, 21.9706, 37.3738



16.3569, 16.2960, 14.9734



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.



30.5548, 26.2083, 14.5149



50.9594, 41.0031, 17.6469



37.6526, 40.4039, 16.8808



9.7556, 9.9873, 9.9902



15.1408, 9.3204, 1.0010



0.6521, 0.4830, 0.0589

Inverse Universe

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



27.0378, 32.0437, 53.4751



43.8184, 52.6528, 96.1327



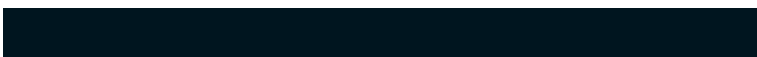
20.4061, 18.7802, 51.2645



9.5621, 10.3165, 12.1595



11.8645, 13.8407, 34.4391



0.5192, 0.6511, 1.3672

Previews

White Background



This preview shows how the XYZ color 30.5542, 26.2070, 14.5144 looks on a white background.

Color Contrast Check

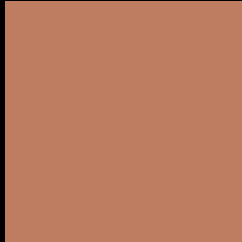
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5542, 26.2070, 14.5144 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 30.5542, 26.2070, 14.5144

Background



This preview shows how black text looks on a background with the XYZ color 30.5542, 26.2070, 14.5144.



This preview shows how white text looks on a background with the XYZ color 30.5542, 26.2070,

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

30.5542, 26.2070, 14.5144

Protanopia

24.5888, 26.3147, 16.6153

Deuteranopia

26.6939, 26.1832, 14.2366



Tritanopia

32.6712, 26.3554, 24.1340

Trichromacy



Original Color

30.5542, 26.2070, 14.5144

Protanomaly

26.3424, 25.9696, 15.6808

Deuteranomaly

27.9527, 26.0216, 14.3759

Tritanomaly

31.7865, 26.1656, 20.2048

Monochromacy



Original Color

30.5542, 26.2070, 14.5144

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.6637, 26.1795, 23.0499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5542, 26.2070, 14.5144 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, 124, 96)` looks like.

```
.text, #text, p{  
    color:rgb(190, 124, 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(190, 124, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 124, 96) }
```

Border

The CSS property to change the border of an element to XYZ 30.5542, 26.2070, 14.5144 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, 124, 96) }
```


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

```
.border{ border-color:rgb(190, 124, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 124, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 124, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 124, 96);  
box-shadow:4px 4px 4px 4px rgb(190, 124,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5542, 26.2070, 14.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 124, 96) }
```

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

```
.background{ background-color: rgb(190,  
124, 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](#).

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