

Converting Colors

XYZ(30.5538, 26.6449, 12.0475)

Have a look what the booklet for
XYZ(30.5538, 26.6449, 12.0475)
contains.

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Color

**XYZ(30.5864, 26.6540,
12.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7E55
RGB	191, 126, 85
RGB Percent	75%, 49%, 33%
CMY	0.2510, 0.5059, 0.6667
CMYK	0.00, 0.34, 0.55, 0.25
HSL	23°, 45%, 54%
HSV	23°, 55%, 75%
XYZ	30.5864, 26.6540, 12.1270
YIQ	140.7610, 51.9010, 1.0290

Conversions

Conversions Part 2

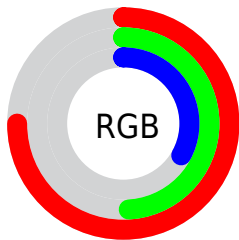
Format	Color
R_{YB}	191, 152, 85
Decimal	12549717
CIE _{Lab}	58.65, 20.86, 32.49
CIE _{LCh}	59, 38.605, 57.297
Yxy	26.6540, 0.4409, 0.3842
Android (android.graphics.Color)	4290739797 (0xFFBF7E55)
YUV	140.7610, -27.4902, 44.0596
Hunter-Lab	51.6275, 15.4031, 22.2124

Details

The XYZ color **30.5864, 26.6540, 12.1270** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.0560, 27.5041, 53.3309**, and the grayscale version is **25.3145, 26.6328, 29.0031**.

A 20% lighter version of the original color is **59.9176, 54.3135, 30.2472**, and **12.8352, 10.5160, 3.1870** is the 20% darker color. If you saturate the color by 10%, you get **28.5167, 23.5696, 8.1854**, and if you desaturate by 10%, it is **33.0375, 30.1737, 17.2066**.

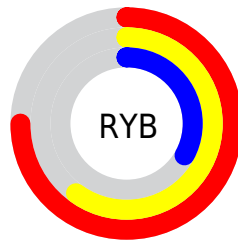
Distribution



Red (75%)

Green (49%)

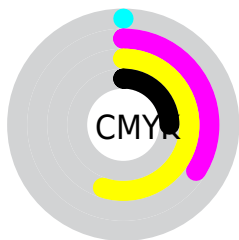
Blue (33%)



Red (75%)

Yellow (60%)

Blue (33%)

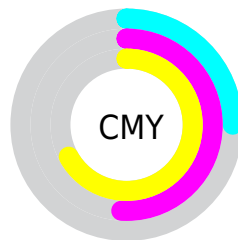


Cyan (0%)

Magenta (34%)

Yellow (55%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5864, 26.6540, 12.1270 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 30.5864, 26.6540, 12.1270 by changing the saturation by 10% instead.

■ 30.5864, 26.6540,
12.1270

■ 30.5864, 26.6540,
12.1270

296.4893,
285.9779, 216.2519

■ 20.4344, 17.3135,
6.7066

■ 59.9686, 54.3281,
30.3940

■ 12.8213, 10.4583,
3.2037

■ 79.9295, 73.4306,
44.0778

■ 7.3817, 5.7039,
1.1995

■ 103.8907, 96.5559,
61.3531

■ 3.7504, 2.6659,
0.0000

■ 132.2176,
124.0883, 82.6386

■ 1.5619, 0.9599,
0.0000

■ 165.2756,
156.4124, 108.3526

■ 0.3674, 0.0000,
0.0000

203.4300,

■ 0.0000, 0.0000,

193.9124, 138.9138

0.0000

247.0461,
236.9728, 174.7407

■ 30.5864, 26.6540,
12.1270

■ 30.5864, 26.6540,
12.1270

■ 28.5167, 23.5696,
8.1854

■ 33.0375, 30.1737,
17.2066

■ 26.8037, 20.8977,
5.2893

■ 35.8888, 34.1421,
23.5036

■ 25.4219, 18.6189,
3.3339

■ 39.1602, 38.5769,
31.0921

■ 24.3404, 16.7102,
2.1895

■ 42.8692, 43.4937,
40.0397

■ 23.9269, 15.9586,
1.8192

■ 47.0326, 48.9071,
50.4093

■ 51.6662, 54.8312,
62.2599

■ 56.7848, 61.2795,
75.6469

■ 62.4027, 68.2648,
90.6232

■ 68.2259, 75.6766,
105.6189

Harmonies

Analogous

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



34.3311, 26.6540, 18.6177



30.5864, 26.6540, 12.1270



25.7663, 26.6540, 9.9716

Triad

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



30.5864, 26.6540, 12.1270



17.2738, 26.6540, 27.8075



29.7497, 26.6540, 58.9617

Complementary

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



30.5864, 26.6540, 12.1270



24.0560, 27.5041, 53.3309

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.



24.9063, 26.6540, 63.7014



30.5864, 26.6540, 12.1270



18.0643, 26.6540, 42.7202

Square

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



30.5864, 26.6540, 12.1270



18.4096, 26.6540, 17.0758



20.7199, 26.6540, 57.0083



33.8072, 26.6540, 45.5402

Rectangle

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



30.5864, 26.6540, 12.1270



22.7183, 26.6540, 10.5474



20.7199, 26.6540, 57.0083



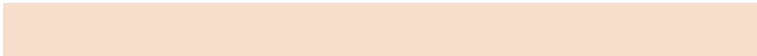
28.1427, 26.6540, 61.7756

Sweetspot

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



30.5870, 26.6553, 12.1275



75.5435, 76.2729, 68.6885



30.2690, 19.7874, 31.2333



16.2842, 16.3471, 14.3435



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.



30.5870, 26.6553, 12.1275



50.2280, 40.9173, 13.1586



39.1721, 43.8255, 14.9892



9.8247, 10.1253, 10.0132



15.7975, 10.6338, 1.2199



0.6826, 0.5441, 0.0691

Inverse Universe

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



24.0560, 27.5041, 53.3309



37.2731, 42.4807, 94.5142



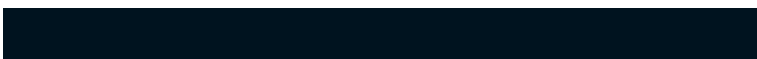
17.4591, 14.3105, 51.1319



9.4902, 10.1728, 12.1356



10.4494, 11.0105, 33.9674



0.4710, 0.5546, 1.3511

Previews

White Background



This preview shows how the XYZ color 30.5864, 26.6540, 12.1270 looks on a white background.

Color Contrast Check

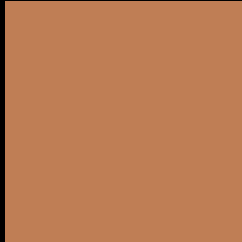
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5864, 26.6540, 12.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

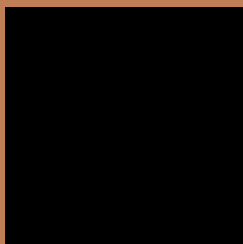
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5864, 26.6540, 12.1270

Background



This preview shows how black text looks on a background with the XYZ color 30.5864, 26.6540, 12.1270.



This preview shows how white text looks on a background with the XYZ color 30.5864, 26.6540,

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

30.5864, 26.6540, 12.1270

Protanopia

24.7396, 26.6751, 13.7424

Deuteranopia

27.2386, 26.7231, 11.9061



Tritanopia

32.9271, 26.4873, 24.1460

Trichromacy



Original Color

30.5864, 26.6540, 12.1270

Protanomaly

26.5437, 26.5451, 13.1759

Deuteranomaly

28.4419, 26.7263, 12.0472

Tritanomaly

31.9325, 26.4488, 19.0449

Monochromacy



Original Color

30.5864, 26.6540, 12.1270

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.5534, 26.3597, 21.7776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5864, 26.6540, 12.1270 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(191, 126, 85)` looks like.

```
.text, #text, p{  
    color:rgb(191, 126, 85)  
}
```

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(191, 126, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 126, 85) }
```

Border

The CSS property to change the border of an element to XYZ 30.5864, 26.6540, 12.1270 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(191, 126, 85) }
```


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

```
.border{ border-color:rgb(191, 126, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 126, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 126, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 126, 85);  
box-shadow:4px 4px 4px 4px rgb(191, 126,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5864, 26.6540, 12.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 126, 85) }
```

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

```
.background{ background-color: rgb(191,  
126, 85) }
```

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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