

Converting Colors

XYZ(30.7180, 25.2752, 10.5699)

Have a look what the booklet for
XYZ(30.7180, 25.2752, 10.5699)
contains.

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Color

**XYZ(30.6547, 25.2571,
10.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	C4764F
RGB	196, 118, 79
RGB Percent	77%, 46%, 31%
CMY	0.2314, 0.5372, 0.6902
CMYK	0.00, 0.40, 0.60, 0.23
HSL	20°, 50%, 54%
HSV	20°, 60%, 77%
XYZ	30.6547, 25.2571, 10.6566
YIQ	136.8760, 59.0070, 4.4070

Conversions

Conversions Part 2

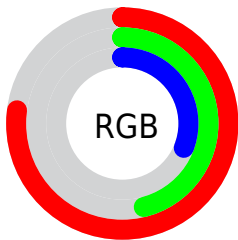
Format	Color
R_{YB}	196, 138, 79
Decimal	12875343
CIE _{Lab}	57.33, 26.83, 34.25
CIE _{LCh}	57, 43.514, 51.925
Yxy	25.2571, 0.4605, 0.3794
Android (android.graphics.Color)	4291065423 (0xFFC4764F)
YUV	136.8760, -28.5329, 51.8517
Hunter-Lab	50.2564, 20.9301, 22.6074

Details

The XYZ color **30.6547, 25.2571, 10.6566** 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 **25.2447, 29.7604, 56.6382**, and the grayscale version is **23.8204, 25.0609, 27.2913**.

A 20% lighter version of the original color is **59.7654, 51.9708, 27.6503**, and **12.8839, 9.7693, 2.6455** is the 20% darker color. If you saturate the color by 10%, you get **28.6102, 22.1465, 6.9593**, and if you desaturate by 10%, it is **33.1239, 28.8807, 15.5335**.

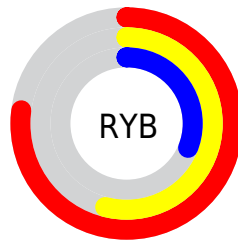
Distribution



Red (77%)

Green (46%)

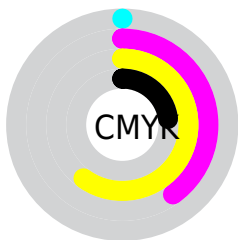
Blue (31%)



Red (77%)

Yellow (54%)

Blue (31%)

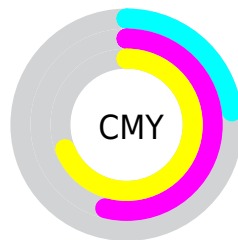


Cyan (0%)

Magenta (40%)

Yellow (60%)

Black (23%)



Cyan (23%)


Magenta (54%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6547, 25.2571, 10.6566 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 30.6547, 25.2571, 10.6566 by changing the saturation by 10% instead.

 30.6547, 25.2571,
10.6566


 30.6547, 25.2571,
10.6566


296.7997,
279.1159, 205.9484


 20.4866, 16.2687,
5.7252


 60.0756, 52.0740,
27.6503


 12.8596, 9.7145,
2.6126


 80.0590, 70.6713,
40.5496


 7.4082, 5.2101,
0.8990


 104.0450, 93.2404,
56.9420

 3.7673, 2.3710,
0.0000

 132.3988,
120.1656, 77.2459

 1.5713, 0.8109,
0.0000

 165.4858,
151.8314, 101.8800

 0.3736, 0.0000,
0.0000

203.6714,

 0.0000, 0.0000,

188.6221, 131.2627

0.0000

247.3209,
230.9221, 165.8127

■ 30.6547, 25.2571,
10.6566

■ 30.6547, 25.2571,
10.6566

■ 28.6102, 22.1465,
6.9593

■ 33.1239, 28.8807,
15.5335

■ 26.9607, 19.5200,
4.3366

■ 36.0410, 33.0366,
21.6795

■ 25.6751, 17.3512,
2.6672

■ 39.4293, 37.7477,
29.1773

■ 24.7014, 15.6034,
1.7271

■ 43.3103, 43.0342,
38.1020

■ 24.6748, 15.5556,
1.7020

■ 47.7035, 48.9154,
48.5231

■ 52.6278, 55.4096,
60.5055

■ 58.1008, 62.5343,
74.1104

■ 64.1394, 70.3063,
89.3956

■ 70.6949, 78.7158,
106.0754

Harmonies

Analogous

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



34.4291, 25.2571, 18.2021



30.6547, 25.2571, 10.6566



25.4261, 25.2571, 7.8784

Triad

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



30.6547, 25.2571, 10.6566



15.4665, 25.2571, 23.7014



27.9019, 25.2571, 63.1500

Complementary

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



30.6547, 25.2571, 10.6566



25.2447, 29.7604, 56.6382

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.



22.6400, 25.2571, 66.2850



30.6547, 25.2571, 10.6566



15.9327, 25.2571, 39.5246

Square

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



30.6547, 25.2571, 10.6566



17.0162, 25.2571, 13.4427



18.3959, 25.2571, 56.4582



32.6879, 25.2571, 48.9930

Rectangle

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



30.6547, 25.2571, 10.6566



22.0151, 25.2571, 8.0232



18.3959, 25.2571, 56.4582



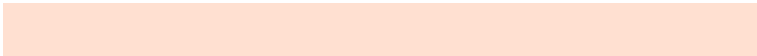
26.1137, 25.2571, 65.6914

Sweetspot

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



30.6553, 25.2584, 10.6571



79.5248, 79.3959, 71.5201



31.6468, 19.7623, 34.0450



16.5482, 16.3549, 14.2021



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.



30.6553, 25.2584, 10.6571



50.7240, 38.3877, 10.7649



39.7998, 43.5474, 13.7052



10.3414, 10.6143, 10.5656



15.9261, 10.1379, 1.1174



0.7523, 0.5663, 0.0697

Inverse Universe

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



25.2447, 29.7604, 56.6382



39.9237, 47.0663, 101.5882



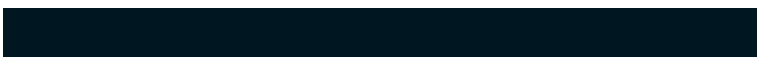
17.6031, 14.4773, 54.0911



10.0765, 10.8443, 12.8469



11.6697, 13.0959, 35.4693



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 30.6547, 25.2571, 10.6566 looks on a white background.

Color Contrast Check

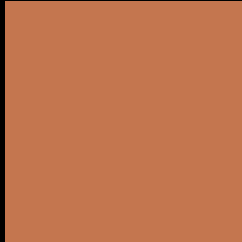
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6547, 25.2571, 10.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

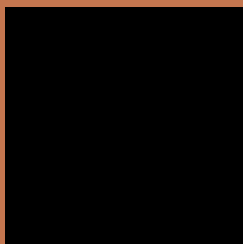
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6547, 25.2571, 10.6566

Background



This preview shows how black text looks on a background with the XYZ color 30.6547, 25.2571, 10.6566.



This preview shows how white text looks on a background with the XYZ color 30.6547, 25.2571,

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

30.6547, 25.2571, 10.6566

Protanopia

23.5307, 25.4282, 12.4720

Deuteranopia

25.9180, 25.4593, 10.3856



Tritanopia

32.9095, 25.3328, 21.2444

Trichromacy



Original Color

30.6547, 25.2571, 10.6566

Protanomaly

25.6140, 25.0726, 11.6731

Deuteranomaly

27.5193, 25.2983, 10.4538

Tritanomaly

32.0210, 25.3078, 16.8329

Monochromacy



Original Color

30.6547, 25.2571, 10.6566

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.2356, 24.4953, 19.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6547, 25.2571, 10.6566 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, 118, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 118, 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(196, 118, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 118, 79) }
```

Border

The CSS property to change the border of an element to XYZ 30.6547, 25.2571, 10.6566 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, 118, 79) }
```


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

```
.border{ border-color:rgb(196, 118, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 118, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 118, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 118, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 118,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6547, 25.2571, 10.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 118, 79) }
```

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

```
.background{ background-color: rgb(196,  
118, 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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