

Converting Colors

XYZ(30.3124, 24.7174, 11.3569)

Have a look what the booklet for
XYZ(30.3124, 24.7174, 11.3569)
contains.

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Color

**XYZ(30.3124, 24.7174,
11.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	C37453
RGB	195, 116, 83
RGB Percent	76%, 45%, 33%
CMY	0.2353, 0.5451, 0.6745
CMYK	0.00, 0.41, 0.57, 0.24
HSL	18°, 48%, 55%
HSV	18°, 57%, 76%
XYZ	30.3124, 24.7174, 11.3569
YIQ	135.8590, 57.6770, 6.4850

Conversions

Conversions Part 2

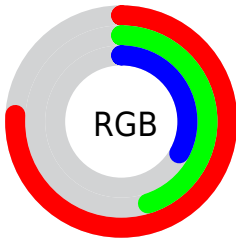
Format	Color
RYB	195, 130, 83
Decimal	12809299
CIELab	56.80, 27.82, 31.37
CIELCh	57, 41.930, 48.432
Yxy	24.7174, 0.4566, 0.3723
Android (android.graphics.Color)	4290999379 (0xFFC37453)
YUV	135.8590, -26.0595, 51.8667
Hunter-Lab	49.7166, 21.8281, 21.2578

Details

The XYZ color **30.3124, 24.7174, 11.3569** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **26.3372, 31.6182, 56.3444**, and the grayscale version is **23.4289, 24.6490, 26.8428**.

A 20% lighter version of the original color is **59.6616, 51.3294, 28.9534**, and **12.6576, 9.4662, 2.9103** is the 20% darker color. If you saturate the color by 10%, you get **28.1930, 21.5189, 7.4440**, and if you desaturate by 10%, it is **32.8794, 28.4726, 16.4639**.

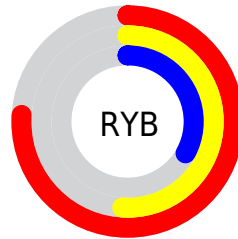
Distribution



Red (76%)

Green (45%)

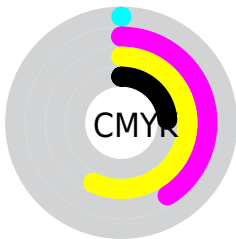
Blue (33%)



Red (76%)

Yellow (51%)

Blue (33%)

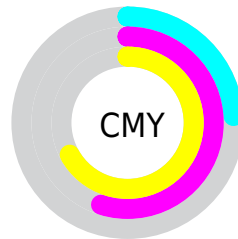


Cyan (0%)

Magenta (41%)

Yellow (57%)

Black (24%)



Cyan (24%)

Magenta (55%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3124, 24.7174, 11.3569 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 30.3124, 24.7174, 11.3569 by changing the saturation by 10% instead.


 30.3124, 24.7174,
11.3569


 30.3124, 24.7174,
11.3569


295.2417,
276.4276, 210.9246


 20.2251, 15.8666,
6.1902


 59.5391, 51.1984,
28.9649

 12.6680, 9.4298,
2.8905


 79.4092, 69.5974,
42.2434


 7.2757, 5.0226,
1.0390


 103.2710, 91.9480,
59.0629

 3.6830, 2.2605,
0.0000

 131.4897,
118.6345, 79.8420

 1.5244, 0.7527,
0.0000

 164.4308,
150.0413, 104.9991

 0.3423, 0.0000,
0.0000

202.4596,

 0.0000, 0.0000,

186.5528, 134.9529

0.0000

245.9414,
228.5535, 170.1219

■ 30.3124, 24.7174,
11.3569

■ 30.3124, 24.7174,
11.3569

■ 28.1930, 21.5189,
7.4440

■ 32.8794, 28.4726,
16.4639

■ 26.4910, 18.8455,
4.6243

■ 35.9181, 32.8064,
22.8519

■ 25.1745, 16.6677,
2.7821

■ 39.4528, 37.7443,
30.6012

■ 24.2013, 14.9496,
1.7536

■ 43.5054, 43.3087,
39.7851

■ 23.9917, 14.5744,
1.5486

■ 48.0966, 49.5210,
50.4716

■ 53.2458, 56.4018,
62.7244

■ 58.9716, 63.9704,
76.6035

■ 65.2914, 72.2455,
92.1656

■ 71.6533, 81.0174,
106.4691

Harmonies

Analogous

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



33.6084, 24.7174, 19.2542



30.3124, 24.7174, 11.3569



25.4328, 24.7174, 8.1935

Triad

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



30.3124, 24.7174, 11.3569



15.4218, 24.7174, 21.8585



26.5984, 24.7174, 61.4677

Complementary

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



30.3124, 24.7174, 11.3569



26.3372, 31.6182, 56.3444

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.



21.6547, 24.7174, 62.9286



30.3124, 24.7174, 11.3569



15.6432, 24.7174, 36.3734

Square

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



30.3124, 24.7174, 11.3569



17.1280, 24.7174, 12.6905



17.7820, 24.7174, 52.5563



31.2672, 24.7174, 49.0691

Rectangle

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



30.3124, 24.7174, 11.3569



22.1391, 24.7174, 8.0781



17.7820, 24.7174, 52.5563



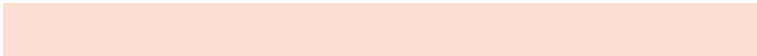
24.9013, 24.7174, 63.3813

Sweetspot

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



30.3130, 24.7187, 11.3574



78.0521, 77.7479, 71.5616



32.2337, 20.4427, 37.0227



16.7490, 16.5572, 14.8835



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.



30.3130, 24.7187, 11.3574



49.6209, 37.1900, 11.8197



38.5795, 41.2518, 14.1129



10.3097, 10.5508, 10.5550



15.6577, 9.6012, 1.0280



0.7380, 0.5379, 0.0649

Inverse Universe

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



26.3372, 31.6182, 56.3444



41.7196, 50.5161, 100.0215



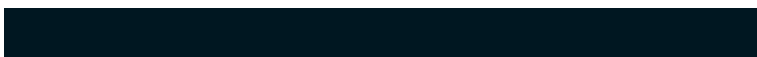
18.7033, 16.3504, 53.7997



10.1098, 10.9109, 12.8580



12.3418, 14.4401, 35.6934



0.5906, 0.7387, 1.5613

Previews

White Background



This preview shows how the XYZ color 30.3124, 24.7174, 11.3569 looks on a white background.

Color Contrast Check

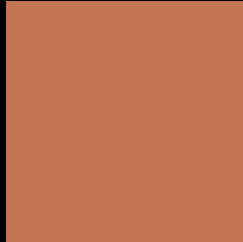
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3124, 24.7174, 11.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

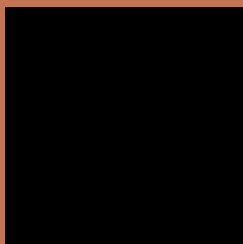
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3124, 24.7174, 11.3569

Background



This preview shows how black text looks on a background with the XYZ color 30.3124, 24.7174, 11.3569.



This preview shows how white text looks on a background with the XYZ color 30.3124, 24.7174,

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

30.3124, 24.7174, 11.3569

Protanopia

23.0467, 24.9426, 13.4972

Deuteranopia

25.1565, 24.6514, 11.0217



Tritanopia

32.3029, 24.7066, 20.5191

Trichromacy



Original Color

30.3124, 24.7174, 11.3569

Protanomaly

25.1288, 24.4044, 12.6186

Deuteranomaly

26.9503, 24.6084, 11.1140

Tritanomaly

31.5326, 24.7212, 16.7454

Monochromacy



Original Color

30.3124, 24.7174, 11.3569

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.9658, 24.1530, 20.1758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3124, 24.7174, 11.3569 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(195, 116, 83)` looks like.

```
.text, #text, p{  
    color:rgb(195, 116, 83)  
}
```

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(195, 116, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 116, 83) }
```

Border

The CSS property to change the border of an element to XYZ 30.3124, 24.7174, 11.3569 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(195, 116, 83) }
```


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

```
.border{ border-color:rgb(195, 116, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 116, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 116, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 116, 83);  
box-shadow:4px 4px 4px 4px rgb(195, 116,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3124, 24.7174, 11.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 116, 83) }
```

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

```
.background{ background-color: rgb(195,  
116, 83) }
```

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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