

Converting Colors

XYZ(30.2437, 26.2359, 12.9620)

Have a look what the booklet for
XYZ(30.2437, 26.2359, 12.9620)
contains.

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Color

**XYZ(30.3720, 26.3356,
12.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7D59
RGB	190, 125, 89
RGB Percent	75%, 49%, 35%
CMY	0.2549, 0.5098, 0.6510
CMYK	0.00, 0.34, 0.53, 0.25
HSL	21°, 44%, 55%
HSV	21°, 53%, 75%
XYZ	30.3720, 26.3356, 12.9337
YIQ	140.3310, 50.2960, 2.5840

Conversions

Conversions Part 2

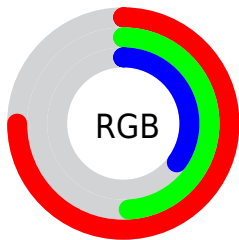
Format	Color
R_{YB}	190, 145, 89
Decimal	12483929
CIE _{Lab}	58.35, 21.34, 29.88
CIE _{LCh}	58, 36.721, 54.466
Yxy	26.3356, 0.4361, 0.3782
Android (android.graphics.Color)	4290674009 (0xFFBE7D59)
YUV	140.3310, -25.3062, 43.5597
Hunter-Lab	51.3182, 15.8359, 20.9799

Details

The XYZ color **30.3720, 26.3356, 12.9337** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.9692, 28.9516, 52.9873**, and the grayscale version is **25.1384, 26.4475, 28.8013**.

A 20% lighter version of the original color is **59.7209, 53.8740, 32.0620**, and **12.6752, 10.3226, 3.5149** is the 20% darker color. If you saturate the color by 10%, you get **28.2211, 23.1501, 8.7756**, and if you desaturate by 10%, it is **32.9207, 29.9872, 18.2407**.

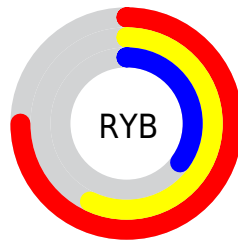
Distribution



Red (75%)

Green (49%)

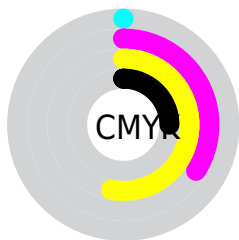
Blue (35%)



Red (75%)

Yellow (57%)

Blue (35%)

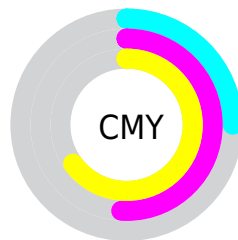


Cyan (0%)

Magenta (34%)

Yellow (53%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3720, 26.3356, 12.9337 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 30.3720, 26.3356, 12.9337 by changing the saturation by 10% instead.


 30.3720, 26.3356,
12.9337


 30.3720, 26.3356,
12.9337


295.5134,
284.4256, 221.6852


 20.2706, 17.0749,
7.2527

 59.6326, 53.8159,
31.8741


 12.7013, 10.2879,
3.5398


 79.5225, 72.8042,
45.9705


 7.2988, 5.5903,
1.3764


 103.4059, 95.8038,
63.7092

 3.6976, 2.5976,
0.1232

 131.6482,
123.1992, 85.5087

 1.5325, 0.9254,
0.0000

 164.6147,
155.3746, 111.7875

 0.3478, 0.0000,
0.0000

202.6709,

 0.0000, 0.0000,

192.7146, 142.9641

0.0000

246.1820,
235.6035, 179.4572

■ 30.3720, 26.3356,
12.9337

■ 30.3720, 26.3356,
12.9337

■ 28.2211, 23.1501,
8.7756

■ 32.9207, 29.9872,
18.2407

■ 26.4430, 20.4066,
5.6773

■ 35.8862, 34.1198,
24.7735

■ 25.0123, 18.0842,
3.5389

■ 39.2886, 38.7526,
32.6039

■ 23.8990, 16.1585,
2.2401

■ 43.1460, 43.9022,
41.7978

■ 23.2860, 15.0489,
1.6774

■ 47.4754, 49.5845,
52.4166

■ 52.2928, 55.8149,
64.5179

■ 57.6135, 62.6079,
78.1561

■ 63.4522, 69.9775,
93.3827

■ 69.0070, 77.6109,
105.9511

Harmonies

Analogous

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



33.7076, 26.3356, 19.6325



30.3720, 26.3356, 12.9337



25.8701, 26.3356, 10.4768

Triad

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



30.3720, 26.3356, 12.9337



17.4069, 26.3356, 26.3639



28.7664, 26.3356, 57.4591

Complementary

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



30.3720, 26.3356, 12.9337



24.9692, 28.9516, 52.9873

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.



24.2107, 26.3356, 60.8583



30.3720, 26.3356, 12.9337



17.9882, 26.3356, 40.1389

Square

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



30.3720, 26.3356, 12.9337



18.6621, 26.3356, 16.6059



20.3563, 26.3356, 53.7646



32.7060, 26.3356, 45.5122

Rectangle

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



30.3720, 26.3356, 12.9337



22.9428, 26.3356, 10.8211



20.3563, 26.3356, 53.7646



27.2427, 26.3356, 59.7643

Sweetspot

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



30.3726, 26.3369, 12.9342



75.9286, 76.5607, 70.3046



30.6947, 20.4469, 33.1855



16.3500, 16.3812, 14.6660



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.



30.3726, 26.3369, 12.9342



50.4850, 40.9570, 14.7060



38.3392, 42.2700, 15.5897



9.8010, 10.0780, 10.0053



15.5519, 10.1425, 1.1380



0.6717, 0.5224, 0.0654

Inverse Universe

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



24.9692, 28.9516, 52.9873



39.5798, 46.0891, 95.0891



18.3797, 15.7727, 50.7908



9.5147, 10.2217, 12.1437



10.9061, 11.9240, 34.1196



0.4868, 0.5863, 1.3564

Previews

White Background



This preview shows how the XYZ color 30.3720, 26.3356, 12.9337 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 30.3720, 26.3356, 12.9337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

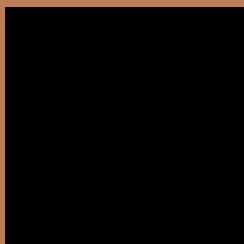
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3720, 26.3356, 12.9337

Background



This preview shows how black text looks on a background with the XYZ color 30.3720, 26.3356, 12.9337.



This preview shows how white text looks on a background with the XYZ color 30.3720, 26.3356,

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

30.3720, 26.3356, 12.9337

Protanopia

24.5393, 26.5514, 14.6580

Deuteranopia

26.8230, 26.2844, 12.6765



Tritanopia

32.6712, 26.3554, 24.1340

Trichromacy



Original Color

30.3720, 26.3356, 12.9337

Protanomaly

26.3656, 26.2253, 14.0283

Deuteranomaly

28.0092, 26.2843, 12.8296

Tritanomaly

31.7350, 26.3404, 19.3312

Monochromacy



Original Color

30.3720, 26.3356, 12.9337

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.2157, 25.9775, 21.7216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3720, 26.3356, 12.9337 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, 125, 89)` looks like.

```
.text, #text, p{  
    color:rgb(190, 125, 89)  
}
```

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, 125, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 125, 89) }
```

Border

The CSS property to change the border of an element to XYZ 30.3720, 26.3356, 12.9337 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, 125, 89) }
```


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

```
.border{ border-color:rgb(190, 125, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 125, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 125, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 125, 89);  
box-shadow:4px 4px 4px 4px rgb(190, 125,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3720, 26.3356, 12.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 125, 89) }
```

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

```
.background{ background-color: rgb(190,  
125, 89) }
```

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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