

Converting Colors

XYZ(34.4832, 26.9617, 10.9157)

Have a look what the booklet for
XYZ(34.4832, 26.9617, 10.9157)
contains.

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Color

**XYZ(34.5573, 26.9189,
10.9639)**

Conversions

Conversions Part 1

Format	Color
Hex	D37450
RGB	211, 116, 80
RGB Percent	83%, 45%, 31%
CMY	0.1726, 0.5451, 0.6863
CMYK	0.00, 0.45, 0.62, 0.17
HSL	16°, 60%, 57%
HSV	16°, 62%, 83%
XYZ	34.5573, 26.9189, 10.9639
YIQ	140.3010, 68.1760, 8.9440

Conversions

Conversions Part 2

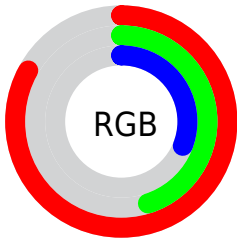
Format	Color
R_{YB}	211, 130, 80
Decimal	13857872
CIE _{Lab}	58.90, 34.02, 36.09
CIE _{LCh}	59, 49.600, 46.688
Yxy	26.9189, 0.4770, 0.3716
Android (android.graphics.Color)	4292047952 (0xFFD37450)
YUV	140.3010, -29.7284, 62.0030
Hunter-Lab	51.8834, 28.0951, 23.7894

Details

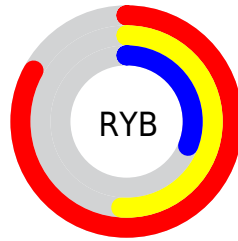
The XYZ color **34.5573, 26.9189, 10.9639** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **30.3949, 37.0661, 67.1800**, and the grayscale version is **25.1387, 26.4479, 28.8017**.

A 20% lighter version of the original color is **59.4572, 51.2476, 27.8771**, and **15.1858, 10.6873, 2.7759** is the 20% darker color. If you saturate the color by 10%, you get **32.2758, 23.4139, 6.9425**, and if you desaturate by 10%, it is **37.3753, 31.1056, 16.3720**.

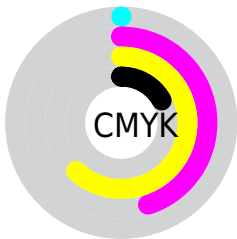
Distribution



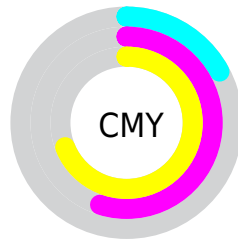
- Red (83%)
- Green (45%)
- Blue (31%)



- Red (83%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (62%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5573, 26.9189, 10.9639 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 34.5573, 26.9189, 10.9639 by changing the saturation by 10% instead.


 34.5573, 26.9189,
10.9639


 34.5573, 26.9189,
10.9639


314.1523,
287.2642, 208.1483


 23.4870, 17.5123,
5.9287


 66.1379, 54.7537,
28.2290

 15.0762, 10.6004,
2.7337


 87.3790, 73.9507,
41.2960


 8.9595, 5.7988,
0.9603


 112.7409, 97.1800,
57.8774

 4.7717, 2.7232,
0.0000

 142.5892,
124.8259, 78.3916

 2.1473, 0.9890,
0.0000

 177.2891,
157.2729, 103.2573

 0.7147, 0.0000,
0.0000

217.2060,

 0.0000, 0.0000,

194.9054, 132.8929

0.0000

262.7053,
238.1077, 167.7171

■ 34.5573, 26.9189,
10.9639

■ 34.5573, 26.9189,
10.9639

■ 32.2758, 23.4139,
6.9425

■ 37.3753, 31.1056,
16.3720

■ 30.4909, 20.5485,
4.1762

■ 40.7619, 36.0045,
23.2789

■ 29.1594, 18.2818,
2.5100

■ 44.7487, 41.6494,
31.7869

■ 28.3765, 16.8743,
1.7615

■ 49.3643, 48.0704,
41.9888

■ 54.6353, 55.2960,
53.9702

■ 60.5870, 63.3533,
67.8110

■ 67.2430, 72.2679,
83.5861

■ 74.6258, 82.0644,
101.3664

■ 80.2640, 91.7692,
108.0906

Harmonies

Analogous

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



38.6253, 26.9189, 20.6420



34.5573, 26.9189, 10.9639



28.3980, 26.9189, 7.1982

Triad

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



34.5573, 26.9189, 10.9639



15.7401, 26.9189, 22.2015



29.1236, 26.9189, 75.0220

Complementary

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



34.5573, 26.9189, 10.9639



30.3949, 37.0661, 67.1800

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.



22.9654, 26.9189, 75.9900



34.5573, 26.9189, 10.9639



15.8706, 26.9189, 40.1176

Square

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



34.5573, 26.9189, 10.9639



17.9285, 26.9189, 11.7109



18.3189, 26.9189, 61.3921



35.1612, 26.9189, 59.1169

Rectangle

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



34.5573, 26.9189, 10.9639



24.2366, 26.9189, 6.9358



18.3189, 26.9189, 61.3921



26.9838, 26.9189, 77.2759

Sweetspot

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



34.5579, 26.9203, 10.9644



78.0058, 76.8595, 69.4675



37.5756, 22.7235, 43.5144



16.2182, 15.7923, 13.7921



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.



34.5579, 26.9203, 10.9644



48.4402, 34.1911, 8.8597



44.7206, 47.2456, 14.3519



12.0694, 12.3295, 12.3557



17.1995, 10.3320, 1.0878



1.0286, 0.7116, 0.0831

Inverse Universe

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



30.3949, 37.0661, 67.1800



41.3706, 50.7466, 102.2224



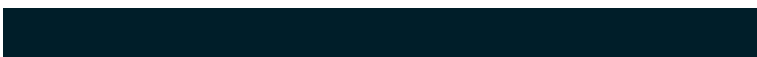
20.7035, 17.6833, 63.9496



11.8722, 12.8347, 15.0953



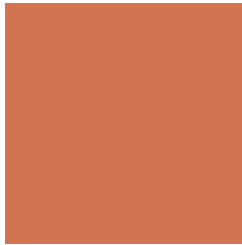
14.0605, 16.7677, 39.6879



0.8506, 1.0664, 2.2406

Previews

White Background



This preview shows how the XYZ color 34.5573, 26.9189, 10.9639 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 34.5573, 26.9189, 10.9639 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 34.5573, 26.9189, 10.9639

Background



This preview shows how black text looks on a background with the XYZ color 34.5573, 26.9189, 10.9639.



This preview shows how white text looks on a background with the XYZ color 34.5573, 26.9189,

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

34.5573, 26.9189, 10.9639

Protanopia

25.0360, 27.0527, 13.5750

Deuteranopia

27.5642, 27.1288, 10.6211



Tritanopia

36.4548, 26.8469, 20.7134

Trichromacy



Original Color

34.5573, 26.9189, 10.9639

Protanomaly

27.7464, 26.5609, 12.4685

Deuteranomaly

29.6833, 26.8011, 10.6298

Tritanomaly

35.6063, 26.8272, 16.6661

Monochromacy



Original Color

34.5573, 26.9189, 10.9639

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.1122, 25.6476, 20.6611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5573, 26.9189, 10.9639 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(211, 116, 80)` looks like.

```
.text, #text, p{  
    color:rgb(211, 116, 80)  
}
```

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(211, 116, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 116, 80) }
```

Border

The CSS property to change the border of an element to XYZ 34.5573, 26.9189, 10.9639 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(211, 116, 80) }
```


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

```
.border{ border-color:rgb(211, 116, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 116, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 116, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 116, 80);  
box-shadow:4px 4px 4px 4px rgb(211, 116,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5573, 26.9189, 10.9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 116, 80) }
```

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

```
.background{ background-color: rgb(211,  
116, 80) }
```

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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