

Converting Colors

XYZ(34.9455, 26.1376, 11.6737)

Have a look what the booklet for
XYZ(34.9455, 26.1376, 11.6737)
contains.

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Color

**XYZ(34.9077, 26.0881,
11.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	D66E54
RGB	214, 110, 84
RGB Percent	84%, 43%, 33%
CMY	0.1608, 0.5686, 0.6706
CMYK	0.00, 0.49, 0.61, 0.16
HSL	12°, 61%, 58%
HSV	12°, 61%, 84%
XYZ	34.9077, 26.0881, 11.5832
YIQ	138.1320, 70.3300, 13.9620

Conversions

Conversions Part 2

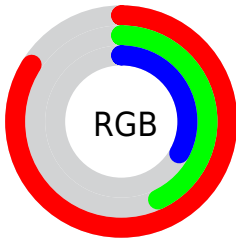
Format	Color
R_{YB}	214, 117, 84
Decimal	14052948
CIE _{Lab}	58.12, 38.58, 33.03
CIE _{LCh}	58, 50.788, 40.565
Yxy	26.0881, 0.4810, 0.3594
Android (android.graphics.Color)	4292243028 (0xFFD66E54)
YUV	138.1320, -26.6871, 66.5362
Hunter-Lab	51.0765, 32.6100, 22.3077

Details

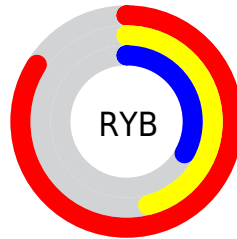
The XYZ color **34.9077, 26.0881, 11.5832** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **33.7757, 42.7037, 70.0804**, and the grayscale version is **24.2885, 25.5534, 27.8277**.

A 20% lighter version of the original color is **58.6403, 49.1756, 28.9554**, and **15.2402, 10.1379, 2.9873** is the 20% darker color. If you saturate the color by 10%, you get **32.5220, 22.4595, 7.2654**, and if you desaturate by 10%, it is **37.9075, 30.5355, 17.3690**.

Distribution



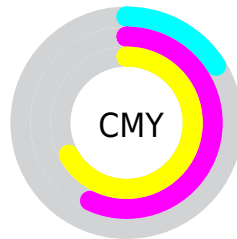
- Red (84%)
- Green (43%)
- Blue (33%)



- Red (84%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (61%)
- Black (16%)





- Cyan (16%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9077, 26.0881, 11.5832 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 34.9077, 26.0881, 11.5832 by changing the saturation by 10% instead.


 34.9077, 26.0881,
11.5832


 34.9077, 26.0881,
11.5832


315.6759,
283.2143, 212.5051


 23.7580, 16.8896,
6.3415


 66.6777, 53.4170,
29.3866

 15.2779, 10.1558,
2.9817


 88.0287, 72.3162,
42.7854


 9.1023, 5.5024,
1.0853


 113.5108, 95.2178,
59.7403

 4.8656, 2.5449,
0.0000

 143.4895,
122.5060, 80.6698

 2.2026, 0.8991,
0.0000

 178.3299,
154.5654, 105.9925

 0.7441, 0.0000,
0.0000

218.3976,

 0.0000, 0.0000,

191.7803, 136.1270

0.0000

264.0578,
234.5351, 171.4916

■ 34.9077, 26.0881,
11.5832

■ 34.9077, 26.0881,
11.5832

■ 32.5220, 22.4595,
7.2654

■ 37.9075, 30.5355,
17.3690

■ 30.7037, 19.5946,
4.2802

■ 41.5596, 35.8439,
24.7389

■ 29.4019, 17.4379,
2.4688

■ 45.9011, 42.0576,
33.7992

■ 28.5883, 16.0100,
1.5835

■ 50.9660, 49.2165,
44.6461

■ 56.7856, 57.3581,
57.3690

■ 63.3897, 66.5179,
72.0511

■ 70.8063, 76.7295,
88.7703

■ 79.0295, 88.0123,
107.4305

■ 81.5414, 93.0360,
108.2678

Harmonies

Analogous

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



38.3320, 26.0881, 22.6373



34.9077, 26.0881, 11.5832



28.9424, 26.0881, 6.9424

Triad

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



34.9077, 26.0881, 11.5832



15.2327, 26.0881, 18.5614



27.0280, 26.0881, 76.3986

Complementary

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



34.9077, 26.0881, 11.5832



33.7757, 42.7037, 70.0804

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.



21.0658, 26.0881, 73.8069



34.9077, 26.0881, 11.5832



14.8932, 26.0881, 35.0787

Square

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



34.9077, 26.0881, 11.5832



17.8734, 26.0881, 9.6637



16.8539, 26.0881, 56.6119



33.3085, 26.0881, 62.6817

Rectangle

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



34.9077, 26.0881, 11.5832



24.6795, 26.0881, 6.2157



16.8539, 26.0881, 56.6119



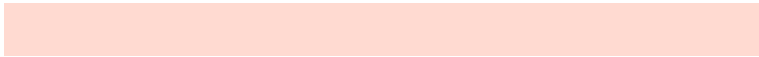
24.9128, 26.0881, 77.5112

Sweetspot

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



34.9083, 26.0895, 11.5837



77.9056, 76.1576, 70.9804



39.9789, 24.2677, 50.1538



16.1586, 15.5756, 14.0722



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.



34.9083, 26.0895, 11.5837



47.4727, 32.0141, 9.2831



44.6616, 45.5961, 14.8348



12.6224, 12.8191, 12.9698



17.3390, 9.7953, 0.9768



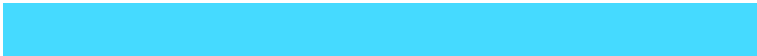
1.1051, 0.7094, 0.0787

Inverse Universe

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



33.7757, 42.7037, 70.0804



45.5032, 58.4990, 103.5009



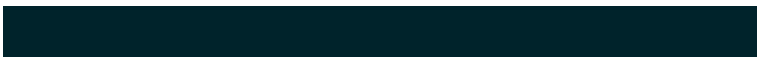
22.8768, 20.9060, 66.4474



12.5714, 13.6661, 15.9128



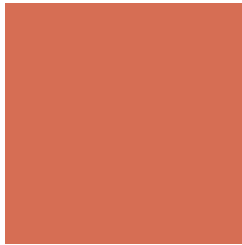
16.2355, 20.7328, 41.5993



1.0341, 1.3602, 2.5274

Previews

White Background



This preview shows how the XYZ color 34.9077, 26.0881, 11.5832 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 34.9077, 26.0881, 11.5832 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 34.9077, 26.0881, 11.5832

Background



This preview shows how black text looks on a background with the XYZ color 34.9077, 26.0881, 11.5832.



This preview shows how white text looks on a background with the XYZ color 34.9077, 26.0881,

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

34.9077, 26.0881, 11.5832

Protanopia

24.4383, 26.2761, 14.8501

Deuteranopia

26.7310, 26.2726, 11.0594



Tritanopia

36.4536, 26.0993, 18.7391

Trichromacy



Original Color

34.9077, 26.0881, 11.5832

Protanomaly

27.4612, 25.5872, 13.6167

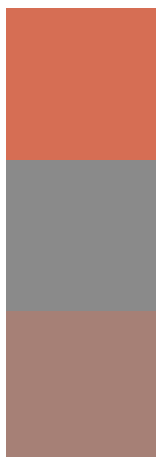
Deuteranomaly

29.3123, 25.8261, 11.2246

Tritanomaly

35.6803, 25.9218, 15.6932

Monochromacy



Original Color

34.9077, 26.0881, 11.5832

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.7151, 24.8533, 20.5287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9077, 26.0881, 11.5832 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(214, 110, 84)` looks like.

```
.text, #text, p{  
    color:rgb(214, 110, 84)  
}
```

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(214, 110, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 110, 84) }
```

Border

The CSS property to change the border of an element to XYZ 34.9077, 26.0881, 11.5832 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(214, 110, 84) }
```


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

```
.border{ border-color:rgb(214, 110, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 110, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 110, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 110, 84);  
box-shadow:4px 4px 4px 4px rgb(214, 110,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9077, 26.0881, 11.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 110, 84) }
```

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

```
.background{ background-color: rgb(214,  
110, 84) }
```

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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