

Converting Colors

XYZ(34.1074, 25.9888, 10.9055)

Have a look what the booklet for
XYZ(34.1074, 25.9888, 10.9055)
contains.

XYZ(34.1433, 26.0313, 11.0096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1433, 26.0313,
11.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	D37051
RGB	211, 112, 81
RGB Percent	83%, 44%, 32%
CMY	0.1726, 0.5608, 0.6823
CMYK	0.00, 0.47, 0.62, 0.17
HSL	14°, 60%, 57%
HSV	14°, 62%, 83%
XYZ	34.1433, 26.0313, 11.0096
YIQ	138.0670, 68.9550, 11.3470

Conversions

Conversions Part 2

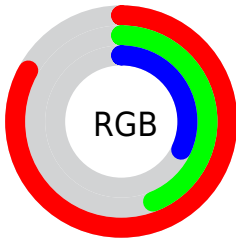
Format	Color
RYB	211, 122, 81
Decimal	13856849
CIELab	58.07, 36.18, 34.53
CIElCh	58, 50.011, 43.659
Yxy	26.0313, 0.4796, 0.3657
Android (android.graphics.Color)	4292046929 (0xFFD37051)
YUV	138.0670, -28.1340, 63.9622
Hunter-Lab	51.0209, 30.1661, 22.9207

Details

The XYZ color **34.1433, 26.0313, 11.0096** 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 **31.4713, 39.0926, 67.5145**, and the grayscale version is **24.2694, 25.5333, 27.8057**.

A 20% lighter version of the original color is **58.7919, 49.8090, 27.9882**, and **14.7346, 10.0381, 2.7511** is the 20% darker color. If you saturate the color by 10%, you get **31.8541, 22.5286, 6.9309**, and if you desaturate by 10%, it is **36.9959, 30.2678, 16.4891**.

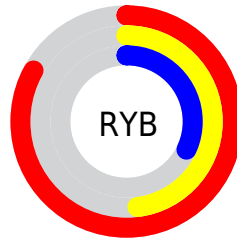
Distribution



Red (83%)

Green (44%)

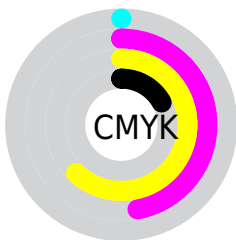
Blue (32%)



Red (83%)

Yellow (48%)

Blue (32%)

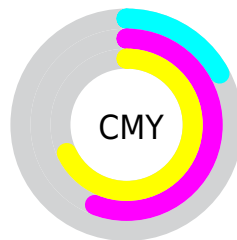


Cyan (0%)

Magenta (47%)

Yellow (62%)

Black (17%)



Cyan (17%)


Magenta (56%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1433, 26.0313, 11.0096 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 34.1433, 26.0313, 11.0096 by changing the saturation by 10% instead.


 34.1433, 26.0313,
11.0096


 34.1433, 26.0313,
11.0096


312.3452,
282.9357, 208.4732


 23.1671, 16.8471,
5.9590


 65.4993, 53.3254,
28.3148

 14.8383, 10.1255,
2.7518


 86.6098, 72.2041,
41.4066


 8.7916, 5.4823,
0.9693


 111.8291, 95.0831,
58.0158

 4.6615, 2.5329,
0.0000

 141.5225,
122.3467, 78.5611

 2.0828, 0.8931,
0.0000

 176.0555,
154.3794, 103.4609

 0.6798, 0.0000,
0.0000

215.7934,

 0.0000, 0.0000,

191.5655, 133.1339

0.0000

261.1015,
234.2895, 167.9984

■ 34.1433, 26.0313,
11.0096

■ 34.1433, 26.0313,
11.0096

■ 31.8541, 22.5286,
6.9309

■ 36.9959, 30.2678,
16.4891

■ 30.0860, 19.7125,
4.1214

■ 40.4462, 35.2733,
23.4817

■ 28.7929, 17.5362,
2.4268

■ 44.5279, 41.0858,
32.0898

■ 28.0183, 16.1578,
1.6420

■ 49.2715, 47.7392,
42.4067

■ 54.7053, 55.2658,
54.5182

■ 60.8562, 63.6959,
68.5045

■ 67.7494, 73.0583,
84.4408

■ 75.4090, 83.3808,
102.3984

■ 80.6738, 92.5888,
108.2272

Harmonies

Analogous

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



37.8477, 26.0313, 21.1847



34.1433, 26.0313, 11.0096



28.1596, 26.0313, 6.8931

Triad

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



34.1433, 26.0313, 11.0096



15.1774, 26.0313, 19.9691



27.5906, 26.0313, 74.5780

Complementary

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



34.1433, 26.0313, 11.0096



31.4713, 39.0926, 67.5145

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.



21.6127, 26.0313, 73.8120



34.1433, 26.0313, 11.0096



15.0759, 26.0313, 36.9571

Square

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



34.1433, 26.0313, 11.0096



17.5515, 26.0313, 10.4334



17.2473, 26.0313, 58.1089



33.6686, 26.0313, 59.9052

Rectangle

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



34.1433, 26.0313, 11.0096



24.0073, 26.0313, 6.4074



17.2473, 26.0313, 58.1089



25.4915, 26.0313, 76.2561

Sweetspot

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



34.1439, 26.0327, 11.0101



78.3667, 77.0797, 71.1340



38.1126, 23.0564, 45.9784



16.2693, 15.7970, 14.1091



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.



34.1439, 26.0327, 11.0101



47.9501, 33.0927, 9.0610



43.9398, 45.6244, 14.2753



12.0344, 12.2595, 12.3441



16.9759, 9.8849, 1.0132



1.0121, 0.6786, 0.0776

Inverse Universe

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



31.4713, 39.0926, 67.5145



43.3621, 54.4789, 102.8378



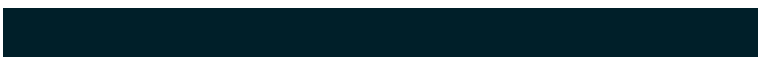
21.3584, 18.8667, 64.1435



11.9095, 12.9092, 15.1077



14.8359, 18.3183, 39.9464



0.8885, 1.1423, 2.2532

Previews

White Background



This preview shows how the XYZ color 34.1433, 26.0313, 11.0096 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 34.1433, 26.0313, 11.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

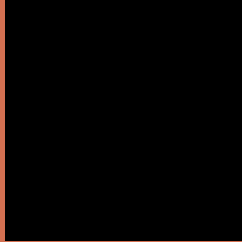
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1433, 26.0313, 11.0096

Background



This preview shows how black text looks on a background with the XYZ color 34.1433, 26.0313, 11.0096.



This preview shows how white text looks on a background with the XYZ color 34.1433, 26.0313,

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

34.1433, 26.0313, 11.0096

Protanopia

24.2587, 26.2043, 13.9046

Deuteranopia

26.6592, 26.2439, 10.6817



Tritanopia

35.8976, 26.1091, 19.3672

Trichromacy



Original Color

34.1433, 26.0313, 11.0096

Protanomaly

26.9777, 25.5541, 12.7431

Deuteranomaly

29.0857, 25.9109, 10.6760

Tritanomaly

35.0682, 25.9136, 15.9855

Monochromacy



Original Color

34.1433, 26.0313, 11.0096

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.5782, 24.9842, 20.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1433, 26.0313, 11.0096 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, 112, 81)` looks like.

```
.text, #text, p{  
    color:rgb(211, 112, 81)  
}
```

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, 112, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 112, 81) }
```

Border

The CSS property to change the border of an element to XYZ 34.1433, 26.0313, 11.0096 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, 112, 81) }
```


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

```
.border{ border-color:rgb(211, 112, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 112, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 112, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 112, 81);  
box-shadow:4px 4px 4px 4px rgb(211, 112,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1433, 26.0313, 11.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 112, 81) }
```

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

```
.background{ background-color: rgb(211,  
112, 81) }
```

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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