

Converting Colors

XYZ(34.7486, 26.8406, 8.2303)

Have a look what the booklet for
XYZ(34.7486, 26.8406, 8.2303)
contains.

XYZ(34.7877, 26.9278, 8.2146)	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(34.7877, 26.9278,
8.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	D67340
RGB	214, 115, 64
RGB Percent	84%, 45%, 25%
CMY	0.1608, 0.5490, 0.7490
CMYK	0.00, 0.46, 0.70, 0.16
HSL	20°, 65%, 55%
HSV	20°, 70%, 84%
XYZ	34.7877, 26.9278, 8.2146
YIQ	138.7870, 75.3750, 5.1270

Conversions

Conversions Part 2

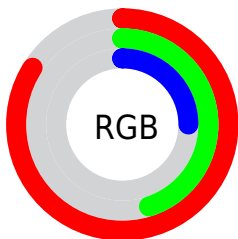
Format	Color
RYB	214, 141, 64
Decimal	14054208
CIELab	58.91, 34.78, 44.64
CIElCh	59, 56.590, 52.078
Yxy	26.9278, 0.4975, 0.3851
Android (android.graphics.Color)	4292244288 (0xFFD67340)
YUV	138.7870, -36.8700, 65.9618
Hunter-Lab	51.8920, 28.8530, 26.9387

Details

The XYZ color **34.7877, 26.9278, 8.2146** 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 **27.3482, 32.1374, 68.3796**, and the grayscale version is **24.5765, 25.8564, 28.1576**.

A 20% lighter version of the original color is **58.2799, 50.4802, 22.5916**, and **15.3029, 10.6851, 1.7078** is the 20% darker color. If you saturate the color by 10%, you get **32.8025, 23.7523, 5.1032**, and if you desaturate by 10%, it is **37.2544, 30.6931, 12.6391**.

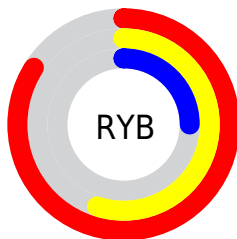
Distribution



Red (84%)

Green (45%)

Blue (25%)



Red (84%)

Yellow (55%)

Blue (25%)

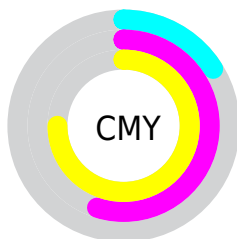


Cyan (0%)

Magenta (46%)

Yellow (70%)

Black (16%)



Cyan (16%)


Magenta (55%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7877, 26.9278, 8.2146 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 34.7877, 26.9278, 8.2146 by changing the saturation by 10% instead.


 34.7877, 26.9278,
8.2146


 34.7877, 26.9278,
8.2146


315.1547,
287.3074, 187.4027


 23.6651, 17.5190,
4.1428


 66.4929, 54.7680,
22.9312


 15.2088, 10.6052,
1.7040


 87.8063, 73.9682,
34.4130


 9.0533, 5.8020,
0.3635


 113.2474, 97.2009,
49.2020

 4.8334, 2.7251,
0.0000

 143.1814,
124.8507, 67.7167

 2.1836, 0.9899,
0.0000

 177.9738,
157.3018, 90.3755

 0.7341, 0.0000,
0.0000

 217.9899,

 0.0000, 0.0000,

194.9387, 117.5971

0.0000

263.5951,
238.1458, 149.8000

■ 34.7877, 26.9278,
8.2146

■ 34.7877, 26.9278,
8.2146

■ 32.8025, 23.7523,
5.1032

■ 37.2544, 30.6931,
12.6391

■ 31.2574, 21.1286,
3.1501

■ 40.2353, 35.0744,
18.5047

■ 30.0987, 19.0307,
2.0869

■ 43.7616, 40.1013,
25.9256

■ 47.8617, 45.8000,
35.0039

■ 52.5616, 52.1953,
45.8332

■ 57.8857, 59.3104,
58.4998

■ 63.8569, 67.1676,
73.0844

■ 70.4970, 75.7881,
89.6628

■ 77.5677, 85.0887,
106.9433

Harmonies

Analogous

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



40.1998, 26.9278, 17.0880



34.7877, 26.9278, 8.2146



27.4939, 26.9278, 5.3166

Triad

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



34.7877, 26.9278, 8.2146



14.4450, 26.9278, 24.3224



30.9930, 26.9278, 81.4994

Complementary

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



34.7877, 26.9278, 8.2146



27.3482, 32.1374, 68.3796

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.



23.7838, 26.9278, 86.4568



34.7877, 26.9278, 8.2146



15.0392, 26.9278, 46.3234

Square

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



34.7877, 26.9278, 8.2146



16.3782, 26.9278, 11.4391



18.1822, 26.9278, 71.4430



37.7455, 26.9278, 59.9578

Rectangle

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



34.7877, 26.9278, 8.2146



22.8801, 26.9278, 5.4736



18.1822, 26.9278, 71.4430



28.5146, 26.9278, 85.4624

Sweetspot

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



34.7883, 26.9292, 8.2151



77.3395, 76.5059, 66.2272



36.2657, 20.6434, 37.1952



16.1231, 15.7921, 13.1744



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.



34.7883, 26.9292, 8.2151



47.6131, 33.3714, 6.0114



46.8543, 51.0613, 12.2371



12.7650, 13.1042, 13.0173



18.2798, 11.6769, 1.2904



1.1782, 0.8556, 0.1030

Inverse Universe

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



27.3482, 32.1374, 68.3796



35.7180, 41.2103, 100.6796



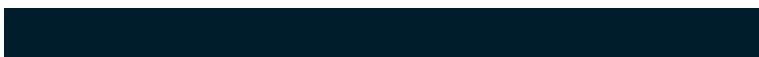
17.8245, 13.0900, 65.2050



12.4201, 13.3635, 15.8623



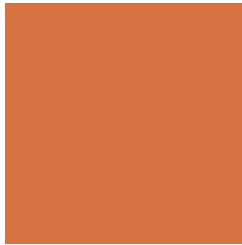
13.2142, 14.6901, 40.5922



0.8723, 1.0367, 2.4734

Previews

White Background



This preview shows how the XYZ color 34.7877, 26.9278, 8.2146 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 34.7877, 26.9278, 8.2146 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 34.7877, 26.9278, 8.2146

Background



This preview shows how black text looks on a background with the XYZ color 34.7877, 26.9278, 8.2146.



This preview shows how white text looks on a background with the XYZ color 34.7877, 26.9278,

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

34.7877, 26.9278, 8.2146

Protanopia

24.7802, 26.9951, 10.2079

Deuteranopia

27.5849, 26.9908, 7.8935



Tritanopia

37.2948, 26.9733, 20.0703

Trichromacy



Original Color

34.7877, 26.9278, 8.2146

Protanomaly

27.7169, 26.4097, 9.4311

Deuteranomaly

29.7967, 26.7224, 8.0024

Tritanomaly

36.2079, 26.8497, 14.8294

Monochromacy



Original Color

34.7877, 26.9278, 8.2146

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.6331, 25.2421, 18.7977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7877, 26.9278, 8.2146 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, 115, 64)` looks like.

```
.text, #text, p{  
    color:rgb(214, 115, 64)  
}
```

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, 115, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 115, 64) }
```

Border

The CSS property to change the border of an element to XYZ 34.7877, 26.9278, 8.2146 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, 115, 64) }
```


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

```
.border{ border-color:rgb(214, 115, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 115, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 115, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 115, 64);  
box-shadow:4px 4px 4px 4px rgb(214, 115,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7877, 26.9278, 8.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 115, 64) }
```

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

```
.background{ background-color: rgb(214,  
115, 64) }
```

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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