

Converting Colors

XYZ(35.0920, 28.0434, 11.7492)

Have a look what the booklet for
XYZ(35.0920, 28.0434, 11.7492)
contains.

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Color

**XYZ(34.9770, 28.0009,
11.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	D27953
RGB	210, 121, 83
RGB Percent	82%, 47%, 33%
CMY	0.1765, 0.5255, 0.6745
CMYK	0.00, 0.42, 0.60, 0.18
HSL	18°, 59%, 57%
HSV	18°, 60%, 82%
XYZ	34.9770, 28.0009, 11.7448
YIQ	143.2790, 65.2420, 7.0500

Conversions

Conversions Part 2

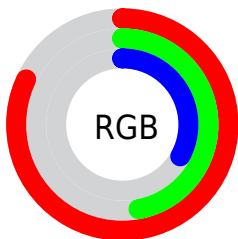
Format	Color
RYB	210, 137, 83
Decimal	13793619
CIELab	59.89, 31.19, 35.64
CIElCh	60, 47.362, 48.806
Yxy	28.0009, 0.4681, 0.3747
Android (android.graphics.Color)	4291983699 (0xFFD27953)
YUV	143.2790, -29.7175, 58.5143
Hunter-Lab	52.9159, 25.3844, 23.8816

Details

The XYZ color **34.9770, 28.0009, 11.7448** 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 **29.9516, 35.9950, 66.3415**, and the grayscale version is **26.3175, 27.6881, 30.1523**.

A 20% lighter version of the original color is **60.6097, 53.2256, 29.2694**, and **15.3342, 11.2132, 3.0252** is the 20% darker color. If you saturate the color by 10%, you get **32.6317, 24.4174, 7.5508**, and if you desaturate by 10%, it is **37.8419, 32.2311, 17.3237**.

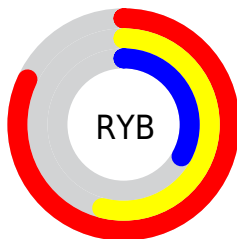
Distribution



Red (82%)

Green (47%)

Blue (33%)



Red (82%)

Yellow (54%)

Blue (33%)

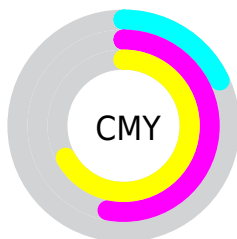


Cyan (0%)

Magenta (42%)

Yellow (60%)

Black (18%)



Cyan (18%)

Magenta (53%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9770, 28.0009, 11.7448 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 34.9770, 28.0009, 11.7448 by changing the saturation by 10% instead.


 34.9770, 28.0009,
11.7448


 34.9770, 28.0009,
11.7448


315.9766,
292.4712, 213.6260

 23.8116, 18.3263,
6.4497


 66.7844, 56.4859,
29.6869

 15.3179, 11.1845,
3.0472


 88.1571, 76.0651,
43.1709


 9.1306, 6.1911,
1.1188


 113.6629, 99.7146,
60.2218

 4.8842, 2.9616,
0.0000

 143.6672,
127.8189, 81.2579

 2.2136, 1.1117,
0.0000

 178.5354,
160.7623, 106.6978

 0.7499, 0.0000,
0.0000

218.6328,

 0.0000, 0.0000,

198.9292, 136.9601

0.0000

264.3247,
242.7041, 172.4633

■ 34.9770, 28.0009,
11.7448

■ 34.9770, 28.0009,
11.7448

■ 32.6317, 24.4174,
7.5508

■ 37.8419, 32.2311,
17.3237

■ 30.7689, 21.4425,
4.6151

■ 41.2562, 37.1348,
24.3957

■ 29.3485, 19.0402,
2.7902

■ 45.2493, 42.7424,
33.0597

■ 28.3470, 17.2393,
1.8335

■ 49.8480, 49.0810,
43.4060

■ 55.0774, 56.1765,
55.5177

■ 60.9609, 64.0531,
69.4726

■ 67.5209, 72.7342,
85.3438

■ 74.7786, 82.2421,
103.2004

■ 79.8945, 91.4542,
108.0493

Harmonies

Analogous

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



39.1257, 28.0009, 21.0124



34.9770, 28.0009, 11.7448



28.9220, 28.0009, 8.1777

Triad

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



34.9770, 28.0009, 11.7448



16.8081, 28.0009, 24.5018



30.5173, 28.0009, 73.7945

Complementary

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



34.9770, 28.0009, 11.7448



29.9516, 35.9950, 66.3415

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.



24.4322, 28.0009, 75.8641



34.9770, 28.0009, 11.7448



17.1021, 28.0009, 42.4547

Square

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



34.9770, 28.0009, 11.7448



18.8284, 28.0009, 13.4681



19.7032, 28.0009, 62.8033



36.2952, 28.0009, 57.9053

Rectangle

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



34.9770, 28.0009, 11.7448



24.8832, 28.0009, 8.0784



19.7032, 28.0009, 62.8033



28.4232, 28.0009, 76.3050

Sweetspot

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



34.9777, 28.0024, 11.7453



79.1049, 78.5561, 71.3801



37.3131, 22.9449, 42.5150



16.4469, 16.1523, 14.1683



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.



34.9777, 28.0024, 11.7453



49.5871, 36.2430, 9.9879



44.9666, 47.9802, 15.0750



12.0930, 12.3767, 12.3636



17.3687, 10.6703, 1.1441



1.0405, 0.7354, 0.0871

Inverse Universe

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



29.9516, 35.9950, 66.3415



40.9846, 49.4617, 101.9947



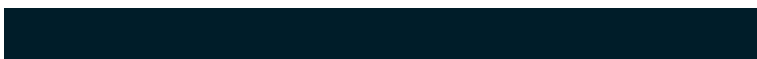
20.8321, 17.7560, 63.3016



11.8473, 12.7848, 15.0869



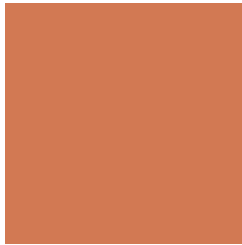
13.5667, 15.7799, 39.5233



0.8261, 1.0175, 2.2324

Previews

White Background



This preview shows how the XYZ color 34.9770, 28.0009, 11.7448 looks on a white background.

Color Contrast Check

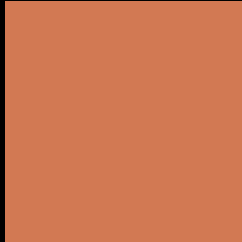
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9770, 28.0009, 11.7448 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 34.9770, 28.0009, 11.7448

Background



This preview shows how black text looks on a background with the XYZ color 34.9770, 28.0009, 11.7448.



This preview shows how white text looks on a background with the XYZ color 34.9770, 28.0009,

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

34.9770, 28.0009, 11.7448

Protanopia

26.1577, 28.2926, 14.2076

Deuteranopia

28.6312, 28.0886, 11.3097



Tritanopia

37.3241, 28.0922, 22.5239

Trichromacy



Original Color

34.9770, 28.0009, 11.7448

Protanomaly

28.7388, 27.6767, 13.2786

Deuteranomaly

30.6855, 27.9005, 11.3575

Tritanomaly

36.3901, 28.0580, 17.9658

Monochromacy



Original Color

34.9770, 28.0009, 11.7448

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.0515, 26.9239, 21.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9770, 28.0009, 11.7448 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(210, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(210, 121, 83)  
}
```

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(210, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 121, 83) }
```

Border

The CSS property to change the border of an element to XYZ 34.9770, 28.0009, 11.7448 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(210, 121, 83) }
```


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

```
.border{ border-color:rgb(210, 121, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 121, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(210, 121,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9770, 28.0009, 11.7448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 121, 83) }
```

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

```
.background{ background-color: rgb(210,  
121, 83) }
```

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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