

Converting Colors

XYZ(35.6672, 29.5399, 17.3680)

Have a look what the booklet for
XYZ(35.6672, 29.5399, 17.3680)
contains.

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Color

**XYZ(35.7743, 29.6008,
17.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	CE806A
RGB	206, 128, 106
RGB Percent	81%, 50%, 42%
CMY	0.1922, 0.4980, 0.5843
CMYK	0.00, 0.38, 0.49, 0.19
HSL	13°, 51%, 61%
HSV	13°, 49%, 81%
XYZ	35.7743, 29.6008, 17.4637
YIQ	148.8140, 53.5500, 9.6940

Conversions

Conversions Part 2

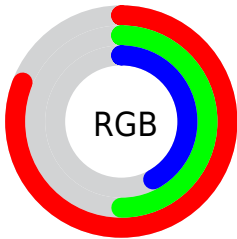
Format	Color
R_{YB}	206, 134, 106
Decimal	13533290
CIE _{Lab}	61.31, 27.78, 24.63
CIE _{LCh}	61, 37.124, 41.554
Yxy	29.6008, 0.4319, 0.3573
Android (android.graphics.Color)	4291723370 (0xFFCE806A)
YUV	148.8140, -21.1073, 50.1521
Hunter-Lab	54.4066, 22.1586, 19.0534

Details

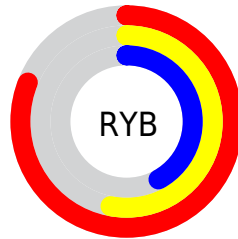
The XYZ color **35.7743, 29.6008, 17.4637** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.2240, 41.7994, 64.6566**, and the grayscale version is **28.5598, 30.0471, 32.7213**.

A 20% lighter version of the original color is **63.8497, 56.7421, 39.4854**, and **15.7009, 12.0502, 5.5014** is the 20% darker color. If you saturate the color by 10%, you get **32.8966, 25.3589, 11.8391**, and if you desaturate by 10%, it is **39.2426, 34.6123, 24.5552**.

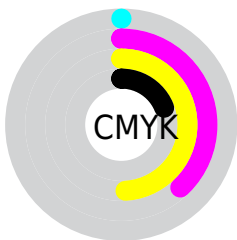
Distribution



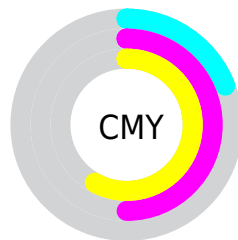
- Red (81%)
- Green (50%)
- Blue (42%)



- Red (81%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (19%)





- Cyan (19%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7743, 29.6008, 17.4637 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 35.7743, 29.6008, 17.4637 by changing the saturation by 10% instead.


 35.7743, 29.6008,
17.4637


 35.7743, 29.6008,
17.4637


319.4214,
300.0392, 249.9643


 24.4292, 19.5358,
10.4002


 68.0097, 59.0303,
39.9229


 15.7788, 12.0581,
5.5560


 89.6308, 79.1636,
56.1556

 9.4576, 6.7832,
2.5127


 115.4079,
103.4217, 76.2818

 5.1003, 3.3269,
0.8469

 145.7064,
132.1891, 100.7201

 2.3416, 1.3047,
0.0000

180.8916,
165.8501, 129.8889

 0.8158, 0.1448,
0.0000

221.3290,

 0.0000, 0.0000,

204.7893, 164.2069

0.0000

267.3838,
249.3908, 204.0925

■ 35.7743, 29.6008,
17.4637

■ 35.7743, 29.6008,
17.4637

■ 32.8966, 25.3589,
11.8391

■ 39.2426, 34.6123,
24.5552

■ 30.5731, 21.8435,
7.5757

■ 43.3308, 40.4248,
33.2056

■ 28.7663, 19.0140,
4.5567


■ 48.0688, 47.0733,
43.5013


■ 27.4329, 16.8234,
2.6439

■ 53.4837, 54.5895,
55.5219

■ 26.5135, 15.2155,
1.6256

■ 59.6013, 63.0033,
69.3418

 26.4046, 15.0238,
1.5082

 66.4458, 72.3432,
85.0311

 74.0403, 82.6364,
102.6559

 79.2635, 91.8618,
108.1612

Harmonies

Analogous

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



38.3895, 29.6008, 27.1315



35.7743, 29.6008, 17.4637



31.2160, 29.6008, 12.8389

Triad

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



35.7743, 29.6008, 17.4637



20.1240, 29.6008, 24.4383



30.0605, 29.6008, 66.4691

Complementary

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



35.7743, 29.6008, 17.4637



34.2240, 41.7994, 64.6566

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.



25.2631, 29.6008, 65.1209



35.7743, 29.6008, 17.4637



19.8910, 29.6008, 37.9308

Square

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



35.7743, 29.6008, 17.4637



22.3468, 29.6008, 15.9861



21.6683, 29.6008, 53.5974



34.8444, 29.6008, 56.8748

Rectangle

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



35.7743, 29.6008, 17.4637



27.8804, 29.6008, 12.1094



21.6683, 29.6008, 53.5974



28.3905, 29.6008, 67.3411

Sweetspot

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



35.7750, 29.6023, 17.4643



80.7022, 80.1975, 76.7015



39.2944, 26.9048, 48.6529



16.8867, 16.6270, 15.5630



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.



35.7750, 29.6023, 17.4643



53.2255, 40.9764, 19.0415



43.9093, 45.8707, 20.1757



11.4092, 11.6073, 11.7185



16.3188, 9.3706, 0.9486



0.8999, 0.5996, 0.0683

Inverse Universe

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



34.2240, 41.7994, 64.6566



50.3676, 62.8364, 104.0817



25.6559, 24.6632, 61.8006



11.3257, 12.2918, 14.3460



14.7468, 18.5175, 38.7533



0.8140, 1.0617, 2.0170

Previews

White Background



This preview shows how the XYZ color 35.7743, 29.6008, 17.4637 looks on a white background.

Color Contrast Check

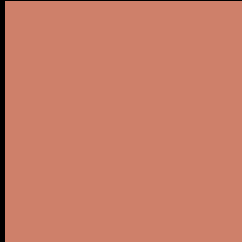
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7743, 29.6008, 17.4637 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 35.7743, 29.6008, 17.4637

Background



This preview shows how black text looks on a background with the XYZ color 35.7743, 29.6008, 17.4637.



This preview shows how white text looks on a background with the XYZ color 35.7743, 29.6008,

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

35.7743, 29.6008, 17.4637

Protanopia

27.7850, 29.6867, 20.4853

Deuteranopia

30.2526, 29.6724, 16.9648



Tritanopia

37.4537, 29.5187, 25.9139

Trichromacy



Original Color

35.7743, 29.6008, 17.4637

Protanomaly

30.1287, 29.3336, 19.4032

Deuteranomaly

32.1834, 29.5822, 17.1104

Tritanomaly

36.6409, 29.3627, 22.4753

Monochromacy



Original Color

35.7743, 29.6008, 17.4637

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.3361, 29.2893, 26.2448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7743, 29.6008, 17.4637 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(206, 128, 106)` looks like.

```
.text, #text, p{  
    color:rgb(206, 128, 106)  
}
```

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(206, 128, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 128, 106) }
```

Border

The CSS property to change the border of an element to XYZ 35.7743, 29.6008, 17.4637 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(206, 128, 106) }
```


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

```
.border{ border-color:rgb(206, 128, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 128, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 128, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 128, 106);  
box-shadow:4px 4px 4px 4px rgb(206, 128,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7743, 29.6008, 17.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 128, 106) }
```

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

```
.background{ background-color: rgb(206,  
128, 106) }
```

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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