

Converting Colors

XYZ(35.9625, 29.7275, 17.5379)

Have a look what the booklet for
XYZ(35.9625, 29.7275, 17.5379)
contains.

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Color

**XYZ(36.0528, 29.7443,
17.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	CF806A
RGB	207, 128, 106
RGB Percent	81%, 50%, 42%
CMY	0.1882, 0.4980, 0.5843
CMYK	0.00, 0.38, 0.49, 0.19
HSL	13°, 51%, 61%
HSV	13°, 49%, 81%
XYZ	36.0528, 29.7443, 17.4767
YIQ	149.1130, 54.1460, 9.9060

Conversions

Conversions Part 2

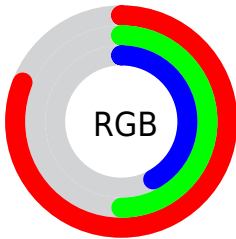
Format	Color
R _Y B	207, 134, 106
Decimal	13598826
CIE Lab	61.43, 28.18, 24.81
CIE LCh	61, 37.546, 41.368
Yxy	29.7443, 0.4329, 0.3572
Android (android.graphics.Color)	4291788906 (0xFFCF806A)
YUV	149.1130, -21.2547, 50.7669
Hunter-Lab	54.5383, 22.5561, 19.1775

Details

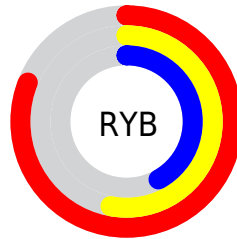
The XYZ color **36.0528, 29.7443, 17.4767** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.5544, 42.2652, 65.3681**, and the grayscale version is **28.6860, 30.1799, 32.8659**.

A 20% lighter version of the original color is **64.0538, 57.1502, 39.5534**, and **15.8825, 12.1438, 5.5099** is the 20% darker color. If you saturate the color by 10%, you get **33.1576, 25.4737, 11.8265**, and if you desaturate by 10%, it is **39.5463, 34.7957, 24.6086**.

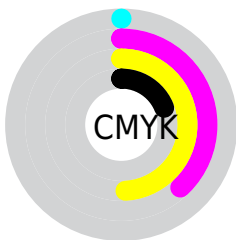
Distribution



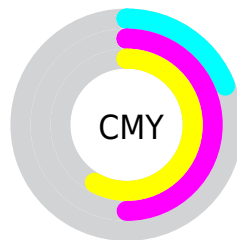
- Red (81%)
- Green (50%)
- Blue (42%)



- 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 36.0528, 29.7443, 17.4767 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 36.0528, 29.7443, 17.4767 by changing the saturation by 10% instead.


 36.0528, 29.7443,
17.4767

 36.0528, 29.7443,
17.4767

320.6185,
300.7108, 250.0410


 24.6453, 19.6446,
10.4094


 68.4369, 59.2576,
39.9454


 15.9403, 12.1370,
5.5621


 90.1442, 79.4399,
56.1839

 9.5725, 6.8370,
2.5162


 116.0154,
103.7519, 76.3166

 5.1765, 3.3604,
0.8487

 146.4160,
132.5780, 100.7619

 2.3870, 1.3226,
0.0000

181.7112,
166.3025, 129.9385

 0.8386, 0.1586,
0.0000

222.2665,

 0.0000, 0.0000,

205.3099, 164.2648

0.0000

268.4471,
249.9845, 204.1595

■ 36.0528, 29.7443,
17.4767

■ 36.0528, 29.7443,
17.4767

■ 33.1576, 25.4737,
11.8265

■ 39.5463, 34.7957,
24.6086

■ 30.8235, 21.9400,
7.5509

■ 43.6679, 40.6601,
33.3157

■ 29.0123, 19.1014,
4.5310


■ 48.4479, 47.3733,
43.6857


■ 27.6799, 16.9103,
2.6263


■ 53.9141, 54.9674,
55.7992


■ 26.7645, 15.3083,
1.6160

■ 60.0925, 63.4731,
69.7317

 26.6742, 15.1497,
1.5183

 67.0080, 72.9193,
85.5541

 74.6840, 83.3340,
103.3338

 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



38.6942, 29.7443, 27.2939



36.0528, 29.7443, 17.4767



31.4302, 29.7443, 12.7815

Triad

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



36.0528, 29.7443, 17.4767



20.1598, 29.7443, 24.4174



30.1936, 29.7443, 67.2392

Complementary

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



36.0528, 29.7443, 17.4767



34.5544, 42.2652, 65.3681

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.



25.3311, 29.7443, 65.7914



36.0528, 29.7443, 17.4767



19.9111, 29.7443, 38.0762

Square

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



36.0528, 29.7443, 17.4767



22.4228, 29.7443, 15.9037



21.6983, 29.7443, 54.0089



35.0568, 29.7443, 57.5254

Rectangle

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



36.0528, 29.7443, 17.4767



28.0440, 29.7443, 12.0304



21.6983, 29.7443, 54.0089



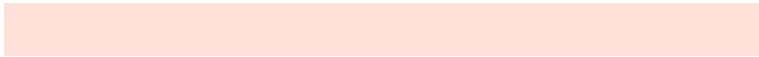
28.4994, 29.7443, 68.1026

Sweetspot

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



36.0535, 29.7458, 17.4773



80.6797, 80.1523, 76.6939



39.6555, 27.0814, 49.1007



16.8813, 16.6162, 15.5612



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.



36.0535, 29.7458, 17.4773



52.7591, 40.2555, 18.2330



44.3304, 46.2996, 20.2362



12.0146, 12.2199, 12.3375



16.8637, 9.6603, 0.9758



1.0030, 0.6603, 0.0746

Inverse Universe

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



34.5544, 42.2652, 65.3681



50.0032, 62.5565, 104.0469



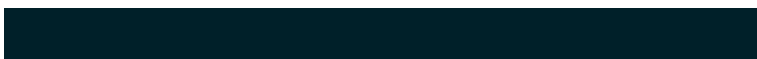
25.8171, 24.7906, 62.4557



11.9307, 12.9517, 15.1148



15.2974, 19.2414, 40.1002



0.9109, 1.1869, 2.2607

Previews

White Background



This preview shows how the XYZ color 36.0528, 29.7443, 17.4767 looks on a white background.

Color Contrast Check

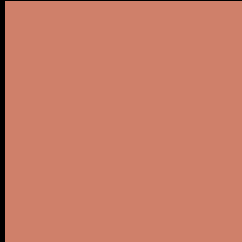
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0528, 29.7443, 17.4767 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 36.0528, 29.7443, 17.4767

Background



This preview shows how black text looks on a background with the XYZ color 36.0528, 29.7443, 17.4767.



This preview shows how white text looks on a background with the XYZ color 36.0528, 29.7443,

17.4767.

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

36.0528, 29.7443, 17.4767

Protanopia

28.1400, 30.1036, 20.5471

Deuteranopia

30.2526, 29.6724, 16.9648



Tritanopia

37.7358, 29.6641, 25.9271

Trichromacy



Original Color

36.0528, 29.7443, 17.4767

Protanomaly

30.3540, 29.4497, 19.4138

Deuteranomaly

32.1834, 29.5822, 17.1104

Tritanomaly

36.9212, 29.5072, 22.4884

Monochromacy



Original Color

36.0528, 29.7443, 17.4767

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 36.0528, 29.7443, 17.4767 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(207, 128, 106)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 128, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 128, 106) }
```

Border

The CSS property to change the border of an element to XYZ 36.0528, 29.7443, 17.4767 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(207, 128, 106) }
```


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

```
.border{ border-color:rgb(207, 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(207, 128, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 128, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 128, 106); box-shadow:4px 4px 4px 4px rgb(207, 128, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0528, 29.7443, 17.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 128, 106) }
```

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

```
.background{ background-color: rgb(207,  
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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