

Converting Colors

XYZ(36.0113, 28.7834, 17.2235)

Have a look what the booklet for
XYZ(36.0113, 28.7834, 17.2235)
contains.

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Color

**XYZ(35.9790, 28.7618,
17.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	D17B6A
RGB	209, 123, 106
RGB Percent	82%, 48%, 42%
CMY	0.1804, 0.5176, 0.5843
CMYK	0.00, 0.41, 0.49, 0.18
HSL	10°, 53%, 62%
HSV	10°, 49%, 82%
XYZ	35.9790, 28.7618, 17.2910
YIQ	146.7760, 56.7130, 12.9450

Conversions

Conversions Part 2

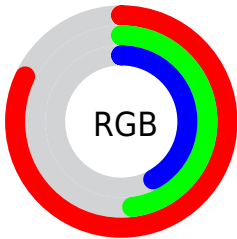
Format	Color
R_{YB}	209, 126, 106
Decimal	13728618
CIE _{Lab}	60.57, 31.65, 23.71
CIE _{LCh}	61, 39.545, 36.845
Yxy	28.7618, 0.4386, 0.3506
Android (android.graphics.Color)	4291918698 (0xFFD17B6A)
YUV	146.7760, -20.1026, 54.5704
Hunter-Lab	53.6300, 25.8985, 18.4252

Details

The XYZ color **35.9790, 28.7618, 17.2910** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.3013, 45.3650, 67.1646**, and the grayscale version is **27.7053, 29.1481, 31.7423**.

A 20% lighter version of the original color is **62.8511, 54.7450, 39.1525**, and **15.9345, 11.6602, 5.5485** is the 20% darker color. If you saturate the color by 10%, you get **33.0466, 24.4296, 11.5891**, and if you desaturate by 10%, it is **39.5635, 33.9745, 24.5175**.

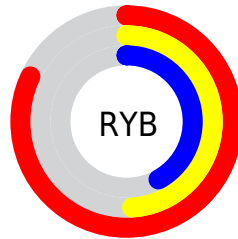
Distribution



Red (82%)

Green (48%)

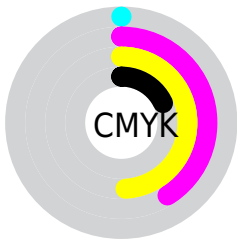
Blue (42%)



Red (82%)

Yellow (49%)

Blue (42%)

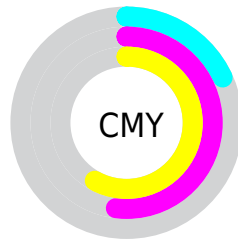


Cyan (0%)

Magenta (41%)

Yellow (49%)

Black (18%)



Cyan (18%)


Magenta (52%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9790, 28.7618, 17.2910 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 35.9790, 28.7618, 17.2910 by changing the saturation by 10% instead.


 35.9790, 28.7618,
17.2910


 35.9790, 28.7618,
17.2910


320.3016,
296.0894, 248.9443

 24.5880, 18.9007,
10.2780


 68.3237, 57.6984,
39.6229


 15.8975, 11.5985,
5.4757


 90.0082, 77.5427,
55.7789

 9.5420, 6.4709,
2.4654


 115.8545,
101.4836, 75.8198

 5.1563, 3.1335,
0.8217

 146.2281,
129.9053, 100.1639

 2.3750, 1.2018,
0.0000

181.4942,
163.1924, 129.2298

 0.8326, 0.0632,
0.0000

222.0182,

 0.0000, 0.0000,

201.7291, 163.4362

0.0000

268.1656,
245.9000, 203.2015

■ 35.9790, 28.7618,
17.2910

■ 35.9790, 28.7618,
17.2910

■ 33.0466, 24.4296,
11.5891

■ 39.5635, 33.9745,
24.5175

■ 30.7241, 20.9247,
7.3001

■ 43.8347, 40.1084,
33.3659

■ 28.9676, 18.1949,
4.2998


■ 48.8269, 47.2067,
43.9276


■ 27.7258, 16.1800,
2.4412


■ 54.5718, 55.3088,
56.2864


■ 26.9263, 14.8057,
1.4817

■ 61.0991, 64.4519,
70.5209

 26.8810, 14.7284,
1.4261

 68.4367, 74.6710,
86.7047

 76.6115, 85.9998,
104.9077

 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



38.3002, 28.7618, 28.0810



35.9790, 28.7618, 17.2910



31.3861, 28.7618, 11.9138

Triad

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



35.9790, 28.7618, 17.2910



19.2612, 28.7618, 21.5029



28.5252, 28.7618, 68.3919

Complementary

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



35.9790, 28.7618, 17.2910



36.3013, 45.3650, 67.1646

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.



23.6525, 28.7618, 64.9722



35.9790, 28.7618, 17.2910



18.6955, 28.7618, 34.7919

Square

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



35.9790, 28.7618, 17.2910



21.8580, 28.7618, 13.7629



20.2035, 28.7618, 51.4048



33.6631, 28.7618, 59.6676

Rectangle

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



35.9790, 28.7618, 17.2910



27.8816, 28.7618, 10.7837



20.2035, 28.7618, 51.4048



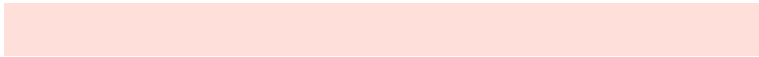
26.8000, 28.7618, 68.6581

Sweetspot

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



35.9797, 28.7633, 17.2915



80.1369, 79.0668, 76.5130



41.1358, 27.7385, 53.9604



16.7522, 16.3580, 15.5181



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.



35.9797, 28.7633, 17.2915



51.6682, 38.0737, 17.8694



43.8301, 44.4640, 19.9083



11.9642, 12.1191, 12.3207



16.6226, 9.1782, 0.8955



0.9796, 0.6135, 0.0668

Inverse Universe

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



36.3013, 45.3650, 67.1646



52.1648, 66.8797, 104.7674



27.1332, 27.0288, 64.1085



11.9853, 13.0609, 15.1330



16.5493, 21.7453, 40.5175



0.9706, 1.3064, 2.2806

Previews

White Background



This preview shows how the XYZ color 35.9790, 28.7618, 17.2910 looks on a white background.

Color Contrast Check

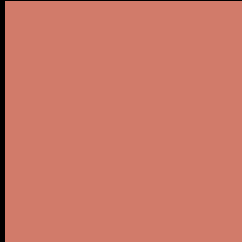
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9790, 28.7618, 17.2910 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 35.9790, 28.7618, 17.2910

Background



This preview shows how black text looks on a background with the XYZ color 35.9790, 28.7618, 17.2910.



This preview shows how white text looks on a background with the XYZ color 35.9790, 28.7618,

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

35.9790, 28.7618, 17.2910

Protanopia

27.1416, 28.8866, 20.6682

Deuteranopia

29.2818, 28.7341, 16.8349



Tritanopia

37.5429, 28.8668, 24.3620

Trichromacy



Original Color

35.9790, 28.7618, 17.2910

Protanomaly

29.6923, 28.4608, 19.2578

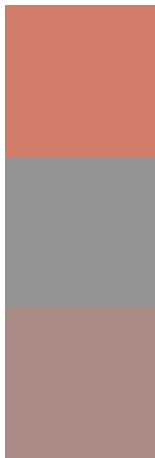
Deuteranomaly

31.5173, 28.6145, 16.9587

Tritanomaly

36.8669, 28.7569, 21.6967

Monochromacy



Original Color

35.9790, 28.7618, 17.2910

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.8309, 28.3889, 25.7372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9790, 28.7618, 17.2910 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(209, 123, 106)` looks like.

```
.text, #text, p{  
    color:rgb(209, 123, 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(209, 123, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 123, 106) }
```

Border

The CSS property to change the border of an element to XYZ 35.9790, 28.7618, 17.2910 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(209, 123, 106) }
```


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

```
.border{ border-color:rgb(209, 123, 106) }
```

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

Here you see how a box with a 4 pixel rgb(209, 123, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 123, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 123, 106);  
box-shadow:4px 4px 4px 4px rgb(209, 123,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9790, 28.7618, 17.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 123, 106) }
```

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

```
.background{ background-color: rgb(209,  
123, 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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