

Converting Colors

XYZ(36.1789, 29.0697, 21.1918)

Have a look what the booklet for
XYZ(36.1789, 29.0697, 21.1918)
contains.

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Color

**XYZ(36.1170, 29.1210,
21.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7D77
RGB	206, 125, 119
RGB Percent	81%, 49%, 47%
CMY	0.1922, 0.5098, 0.5333
CMYK	0.00, 0.39, 0.42, 0.19
HSL	4°, 47%, 64%
HSV	4°, 42%, 81%
XYZ	36.1170, 29.1210, 21.1701
YIQ	148.5350, 50.2020, 15.3060

Conversions

Conversions Part 2

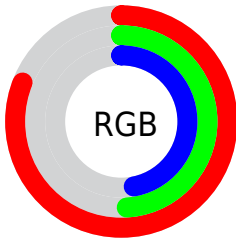
Format	Color
R_{YB}	206, 125, 119
Decimal	13532535
CIE _{Lab}	60.89, 30.74, 16.70
CIE _{LCh}	61, 34.984, 28.516
Yxy	29.1210, 0.4180, 0.3370
Android (android.graphics.Color)	4291722615 (0xFFCE7D77)
YUV	148.5350, -14.5608, 50.3968
Hunter-Lab	53.9639, 25.0299, 14.5152

Details

The XYZ color **36.1170, 29.1210, 21.1701** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.4015, 49.6844, 65.9058**, and the grayscale version is **28.4170, 29.8969, 32.5577**.

A 20% lighter version of the original color is **64.7108, 56.4405, 46.0115**, and **16.0478, 11.8766, 7.4078** is the 20% darker color. If you saturate the color by 10%, you get **32.8134, 24.2838, 14.6126**, and if you desaturate by 10%, it is **40.1590, 35.0058, 29.2971**.

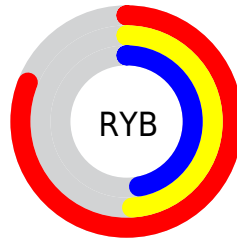
Distribution



Red (81%)

Green (49%)

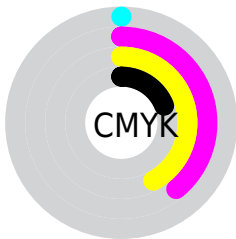
Blue (47%)



Red (81%)

Yellow (49%)

Blue (47%)

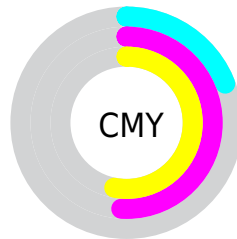


Cyan (0%)

Magenta (39%)

Yellow (42%)

Black (19%)



Cyan (19%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1170, 29.1210, 21.1701 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 36.1170, 29.1210, 21.1701 by changing the saturation by 10% instead.


 36.1170, 29.1210,
21.1701


 36.1170, 29.1210,
21.1701


320.8940,
297.7854, 270.9918


 24.6951, 19.1724,
13.0559


 68.5353, 58.2693,
46.2549

 15.9776, 11.7949,
7.3359

 90.2624, 78.2377,
64.0627

 9.5990, 6.6042,
3.5914


 116.1553,
102.3149, 85.9387

 5.1941, 3.2158,
1.4040

146.5793,
130.8852, 112.3015

 2.3975, 1.2454,
0.1448

181.8999,
164.3330, 143.5697

 0.8439, 0.0983,
0.0000

222.4822,

 0.0000, 0.0000,

203.0427, 180.1618

0.0000

268.6918,
247.3987, 222.4963

■ 36.1170, 29.1210,
21.1701

■ 36.1170, 29.1210,
21.1701

■ 32.8134, 24.2838,
14.6126

■ 40.1590, 35.0058,
29.2971

■ 30.2015, 20.4288,
9.5217

■ 44.9779, 41.9901,
39.0843

■ 28.2324, 17.4898,
5.7851


■ 50.6124, 50.1274,
50.6170


■ 26.8502, 15.3909,
3.2732

■ 57.0979, 59.4667,
63.9748

■ 25.9893, 14.0436,
1.8312

■ 64.4676, 70.0540,
79.2318

 25.6135, 13.4418,
1.2445

 72.7530, 81.9328,
96.4585

 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.



37.3981, 29.1210, 32.3625



36.1170, 29.1210, 21.1701



32.5134, 29.1210, 14.7567

Triad

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



36.1170, 29.1210, 21.1701



20.8565, 29.1210, 20.3213



27.4522, 29.1210, 64.0047

Complementary

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



36.1170, 29.1210, 21.1701



39.4015, 49.6844, 65.9058

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.



23.3486, 29.1210, 58.2943



36.1170, 29.1210, 21.1701



19.8085, 29.1210, 31.0620

Square

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



36.1170, 29.1210, 21.1701



23.7015, 29.1210, 14.3696



20.6690, 29.1210, 45.2652



32.0776, 29.1210, 59.2756

Rectangle

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



36.1170, 29.1210, 21.1701



29.4607, 29.1210, 12.9210



20.6690, 29.1210, 45.2652



25.9699, 29.1210, 63.2187

Sweetspot

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



36.1177, 29.1224, 21.1707



81.0975, 79.9115, 80.1520



42.4992, 30.4952, 58.4124



16.9025, 16.4468, 16.2212



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.



36.1177, 29.1224, 21.1707



53.4534, 39.7693, 24.2442



42.8415, 42.5700, 23.4119



11.2735, 11.3359, 11.6733



15.7983, 8.3296, 0.7751



0.8372, 0.4742, 0.0474

Inverse Universe

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



39.4015, 49.6844, 65.9058



59.4631, 77.5021, 106.4331



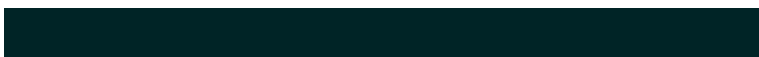
30.7548, 32.3909, 63.0235



11.4744, 12.5893, 14.3956



18.4668, 25.9575, 39.9933



0.9730, 1.3798, 2.0700

Previews

White Background



This preview shows how the XYZ color 36.1170, 29.1210, 21.1701 looks on a white background.

Color Contrast Check

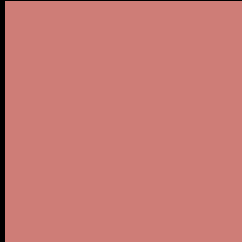
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1170, 29.1210, 21.1701 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 36.1170, 29.1210, 21.1701

Background



This preview shows how black text looks on a background with the XYZ color 36.1170, 29.1210, 21.1701.



This preview shows how white text looks on a background with the XYZ color 36.1170, 29.1210,

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

36.1170, 29.1210, 21.1701

Protanopia

27.7894, 29.3492, 25.3194

Deuteranopia

29.6905, 29.0814, 20.5714



Tritanopia

36.9799, 29.0973, 25.4971

Trichromacy



Original Color

36.1170, 29.1210, 21.1701

Protanomaly

30.2321, 28.8558, 23.7150

Deuteranomaly

31.6420, 28.8026, 20.7214

Tritanomaly

36.7705, 29.2130, 23.7793

Monochromacy



Original Color

36.1170, 29.1210, 21.1701

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.5431, 29.1372, 28.0590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1170, 29.1210, 21.1701 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, 125, 119)` looks like.

```
.text, #text, p{  
    color:rgb(206, 125, 119)  
}
```

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, 125, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 125, 119) }
```

Border

The CSS property to change the border of an element to XYZ 36.1170, 29.1210, 21.1701 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, 125, 119) }
```


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

```
.border{ border-color:rgb(206, 125, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 125, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 125, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 125, 119); box-shadow:4px 4px 4px 4px rgb(206, 125, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1170, 29.1210, 21.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 125, 119) }
```

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

```
.background{ background-color: rgb(206,  
125, 119) }
```

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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