

Converting Colors

XYZ(36.3411, 29.2785, 20.4454)

Have a look what the booklet for
XYZ(36.3411, 29.2785, 20.4454)
contains.

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Color

**XYZ(36.2766, 29.2170,
20.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7D75
RGB	207, 125, 117
RGB Percent	81%, 49%, 46%
CMY	0.1882, 0.5098, 0.5412
CMYK	0.00, 0.40, 0.43, 0.19
HSL	5°, 48%, 64%
HSV	5°, 43%, 81%
XYZ	36.2766, 29.2170, 20.5571
YIQ	148.6060, 51.4400, 14.8960

Conversions

Conversions Part 2

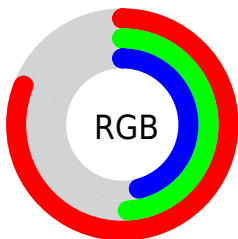
Format	Color
R _Y B	207, 126, 117
Decimal	13598069
CIE Lab	60.97, 30.91, 17.98
CIE LCh	61, 35.756, 30.182
Yxy	29.2170, 0.4216, 0.3395
Android (android.graphics.Color)	4291788149 (0xFFCF7D75)
YUV	148.6060, -15.5818, 51.2115
Hunter-Lab	54.0528, 25.2050, 15.2880

Details

The XYZ color **36.2766, 29.2170, 20.5571** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.0209, 49.1314, 66.4580**, and the grayscale version is **28.4505, 29.9322, 32.5962**.

A 20% lighter version of the original color is **64.5215, 56.3648, 45.0150**, and **16.1679, 11.9459, 7.0839** is the 20% darker color. If you saturate the color by 10%, you get **33.0265, 24.4538, 14.1185**, and if you desaturate by 10%, it is **40.2506, 34.9972, 28.5651**.

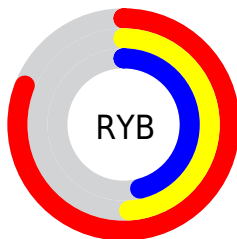
Distribution



Red (81%)

Green (49%)

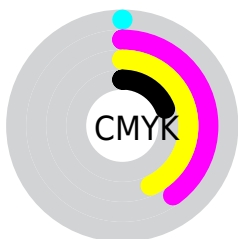
Blue (46%)



Red (81%)

Yellow (49%)

Blue (46%)

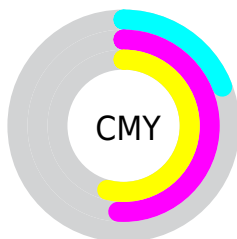


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2766, 29.2170, 20.5571 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 36.2766, 29.2170, 20.5571 by changing the saturation by 10% instead.


 36.2766, 29.2170,
20.5571


 36.2766, 29.2170,
20.5571


321.5781,
298.2375, 267.6186

 24.8190, 19.2450,
12.6126


 68.7799, 58.4217,
45.2204

 16.0703, 11.8475,
7.0347


 90.5562, 78.4232,
62.7763

 9.6650, 6.6399,
3.4051


 116.5029,
102.5367, 84.3730

 5.2380, 3.2379,
1.3050

146.9852,
131.1465, 110.4292

 2.4238, 1.2572,
0.0659

182.3685,
164.6371, 141.3633

 0.8570, 0.1077,
0.0000

223.0182,

 0.0000, 0.0000,

203.3929, 177.5938

0.0000

269.2996,
247.7982, 219.5394

■ 36.2766, 29.2170,
20.5571

■ 36.2766, 29.2170,
20.5571

■ 33.0265, 24.4538,
14.1185

■ 40.2506, 34.9972,
28.5651

■ 30.4543, 20.6448,
9.1447

■ 44.9863, 41.8441,
38.2347

■ 28.5124, 17.7266,
5.5208


■ 50.5215, 49.8092,
49.6528


■ 27.1460, 15.6267,
3.1141


■ 56.8907, 58.9394,
62.8997

■ 26.2904, 14.2607,
1.7649

■ 64.1266, 69.2790,
78.0508

 25.9551, 13.7114,
1.2786

 72.2601, 80.8699,
95.1774

 79.5420, 92.0053,
108.1742

Harmonies

Analogous

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



37.7506, 29.2170, 31.7309



36.2766, 29.2170, 20.5571



32.4779, 29.2170, 14.3118

Triad

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



36.2766, 29.2170, 20.5571



20.6859, 29.2170, 20.6628



27.7984, 29.2170, 65.0756

Complementary

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



36.2766, 29.2170, 20.5571



39.0209, 49.1314, 66.4580

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.



23.5403, 29.2170, 59.7427



36.2766, 29.2170, 20.5571



19.7244, 29.2170, 31.8939

Square

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



36.2766, 29.2170, 20.5571



23.4962, 29.2170, 14.3597



20.7093, 29.2170, 46.5696



32.5327, 29.2170, 59.6187

Rectangle

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



36.2766, 29.2170, 20.5571



29.3292, 29.2170, 12.6068



20.7093, 29.2170, 46.5696



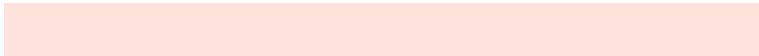
26.2668, 29.2170, 64.4708

Sweetspot

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



36.2773, 29.2185, 20.5577



81.2755, 80.2674, 80.2114



42.4604, 30.1350, 57.9163



16.9457, 16.5332, 16.2356



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.



36.2773, 29.2185, 20.5577



53.3296, 39.7789, 23.4099



43.2242, 43.1122, 22.8733



11.8921, 11.9748, 12.2966



16.3828, 8.6986, 0.8155



0.9459, 0.5461, 0.0556

Inverse Universe

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



39.0209, 49.1314, 66.4580



58.2451, 75.6114, 106.1324



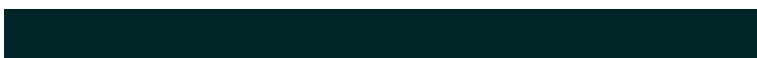
30.2371, 31.5637, 63.5300



12.0647, 13.2197, 15.1594



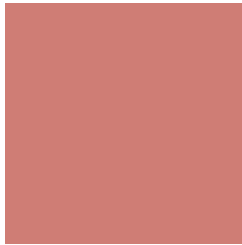
18.5413, 25.7292, 41.1815



1.0637, 1.4925, 2.3116

Previews

White Background



This preview shows how the XYZ color 36.2766, 29.2170, 20.5571 looks on a white background.

Color Contrast Check

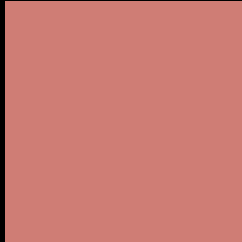
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2766, 29.2170, 20.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

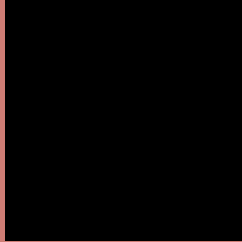
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2766, 29.2170, 20.5571

Background



This preview shows how black text looks on a background with the XYZ color 36.2766, 29.2170, 20.5571.



This preview shows how white text looks on a background with the XYZ color 36.2766, 29.2170,

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

36.2766, 29.2170, 20.5571

Protanopia

27.8476, 29.3945, 24.6281

Deuteranopia

29.9438, 29.4451, 20.0249



Tritanopia

37.2602, 29.2418, 25.5102

Trichromacy



Original Color

36.2766, 29.2170, 20.5571

Protanomaly

30.3263, 28.9191, 23.0524

Deuteranomaly

31.9063, 29.1604, 20.1665

Tritanomaly

37.0508, 29.3575, 23.7924

Monochromacy



Original Color

36.2766, 29.2170, 20.5571

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.4710, 29.1084, 27.6794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2766, 29.2170, 20.5571 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, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 125, 117)  
}
```

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, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 125, 117) }
```

Border

The CSS property to change the border of an element to XYZ 36.2766, 29.2170, 20.5571 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, 125, 117) }
```


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

```
.border{ border-color:rgb(207, 125, 117) }
```

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

Here you see how a box with a 4 pixel rgb(207, 125, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 125,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2766, 29.2170, 20.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 125, 117) }
```

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

```
.background{ background-color: rgb(207,  
125, 117) }
```

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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