

Converting Colors

XYZ(36.0283, 28.8312, 20.7184)

Have a look what the booklet for
XYZ(36.0283, 28.8312, 20.7184)
contains.

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Color

**XYZ(36.2098, 28.9887,
20.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7C76
RGB	207, 124, 118
RGB Percent	81%, 49%, 46%
CMY	0.1882, 0.5137, 0.5373
CMYK	0.00, 0.40, 0.43, 0.19
HSL	4°, 48%, 64%
HSV	4°, 43%, 81%
XYZ	36.2098, 28.9887, 20.8265
YIQ	148.1330, 51.3940, 15.7300

Conversions

Conversions Part 2

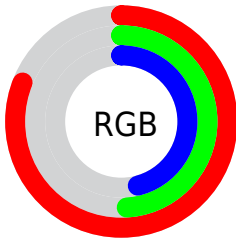
Format	Color
R_{YB}	207, 124, 118
Decimal	13597814
CIE _{Lab}	60.77, 31.55, 17.13
CIE _{LCh}	61, 35.903, 28.498
Yxy	28.9887, 0.4209, 0.3370
Android (android.graphics.Color)	4291787894 (0xFFCF7C76)
YUV	148.1330, -14.8556, 51.6264
Hunter-Lab	53.8412, 25.8246, 14.7546

Details

The XYZ color **36.2098, 28.9887, 20.8265** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.6194, 50.1277, 66.6189**, and the grayscale version is **28.2496, 29.7207, 32.3659**.

A 20% lighter version of the original color is **64.4161, 56.0031, 45.4448**, and **16.0657, 11.6913, 7.2042** is the 20% darker color. If you saturate the color by 10%, you get **32.9251, 24.1767, 14.3142**, and if you desaturate by 10%, it is **40.2394, 34.8586, 28.9193**.

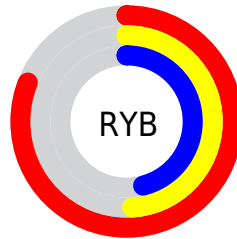
Distribution



Red (81%)

Green (49%)

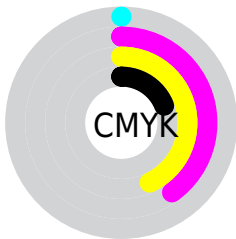
Blue (46%)



Red (81%)

Yellow (49%)

Blue (46%)

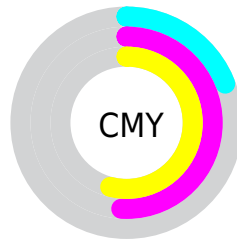


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2098, 28.9887, 20.8265 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 36.2098, 28.9887, 20.8265 by changing the saturation by 10% instead.


 36.2098, 28.9887,
20.8265

 36.2098, 28.9887,
20.8265


321.2919,
297.1616, 269.1057


 24.7671, 19.0723,
12.8072


 68.6775, 58.0591,
45.6756

 16.0315, 11.7225,
7.1668


 90.4333, 77.9819,
63.3426

 9.6374, 6.5550,
3.4866


 116.3575,
102.0090, 85.0625

 5.2196, 3.1854,
1.3481

146.8154,
130.5246, 111.2540

 2.4128, 1.2293,
0.1008

182.1724,
163.9134, 142.3355

 0.8515, 0.0854,
0.0000

222.7940,

 0.0000, 0.0000,

202.5595, 178.7256

0.0000

269.0453,
246.8475, 220.8428

■ 36.2098, 28.9887,
20.8265

■ 36.2098, 28.9887,
20.8265

■ 32.9251, 24.1767,
14.3142

■ 40.2394, 34.8586,
28.9193

■ 30.3376, 20.3556,
9.2776

■ 45.0535, 41.8395,
38.6849

■ 28.3973, 17.4575,
5.6017


■ 50.6914, 49.9863,
50.2106


■ 27.0467, 15.4044,
3.1536


■ 57.1891, 59.3487,
63.5770

■ 26.2180, 14.1049,
1.7742

■ 64.5807, 69.9738,
78.8597

 25.8887, 13.5785,
1.2564

 72.8983, 81.9061,
96.1301

 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.



37.5255, 28.9887, 32.2416



36.2098, 28.9887, 20.8265



32.5096, 28.9887, 14.3388

Triad

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



36.2098, 28.9887, 20.8265



20.5919, 28.9887, 19.9554



27.3186, 28.9887, 64.8303

Complementary

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



36.2098, 28.9887, 20.8265



39.6194, 50.1277, 66.6189

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.



23.1275, 28.9887, 58.9178



36.2098, 28.9887, 20.8265



19.5250, 28.9887, 30.8955

Square

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



36.2098, 28.9887, 20.8265



23.4915, 28.9887, 13.9448



20.3990, 28.9887, 45.4731



32.0573, 28.9887, 59.9440

Rectangle

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



36.2098, 28.9887, 20.8265



29.3801, 28.9887, 12.4922



20.3990, 28.9887, 45.4731



25.8031, 28.9887, 64.0146

Sweetspot

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



36.2105, 28.9901, 20.8271



81.0836, 79.8837, 80.1474



42.7611, 30.4427, 58.9217



16.8991, 16.4400, 16.2201



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.



36.2105, 28.9901, 20.8271



52.9406, 39.0008, 23.2802



43.0850, 42.7391, 23.1185



11.8719, 11.9344, 12.2899



16.3362, 8.6054, 0.8000



0.9364, 0.5271, 0.0524

Inverse Universe

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



39.6194, 50.1277, 66.6189



59.1049, 77.3311, 106.4190



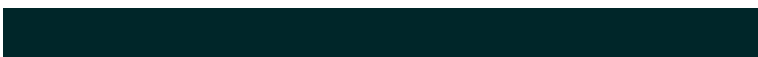
30.7177, 32.3244, 63.6516



12.0873, 13.2648, 15.1669



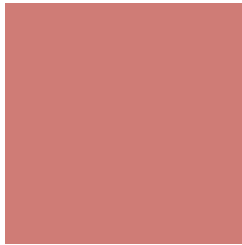
19.1436, 26.9337, 41.3822



1.0914, 1.5480, 2.3208

Previews

White Background



This preview shows how the XYZ color 36.2098, 28.9887, 20.8265 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 36.2098, 28.9887, 20.8265 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 36.2098, 28.9887, 20.8265

Background



This preview shows how black text looks on a background with the XYZ color 36.2098, 28.9887, 20.8265.



This preview shows how white text looks on a background with the XYZ color 36.2098, 28.9887,

20.8265.

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

36.2098, 28.9887, 20.8265

Protanopia

27.7226, 29.3224, 24.9675

Deuteranopia

29.6326, 29.0582, 20.2666



Tritanopia

37.0687, 28.9677, 25.1103

Trichromacy



Original Color

36.2098, 28.9887, 20.8265

Protanomaly

30.1679, 28.8301, 23.3768

Deuteranomaly

31.8239, 28.9032, 20.4246

Tritanomaly

36.8613, 29.0822, 23.4093

Monochromacy



Original Color

36.2098, 28.9887, 20.8265

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.1102, 28.7064, 27.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2098, 28.9887, 20.8265 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, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 118)  
}
```

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, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 36.2098, 28.9887, 20.8265 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, 124, 118) }
```


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

```
.border{ border-color:rgb(207, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 124, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 124, 118); box-shadow:4px 4px 4px 4px rgb(207, 124, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2098, 28.9887, 20.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 118) }
```

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

```
.background{ background-color: rgb(207,  
124, 118) }
```

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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