

Converting Colors

XYZ(36.3358, 29.2406, 20.8684)

Have a look what the booklet for
XYZ(36.3358, 29.2406, 20.8684)
contains.

XYZ(36.3358, 29.2406, 20.8684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.3358, 29.2406,
20.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7D76
RGB	207, 125, 118
RGB Percent	81%, 49%, 46%
CMY	0.1882, 0.5098, 0.5373
CMYK	0.00, 0.40, 0.43, 0.19
HSL	5°, 48%, 64%
HSV	5°, 43%, 81%
XYZ	36.3358, 29.2406, 20.8684
YIQ	148.7200, 51.1190, 15.2070

Conversions

Conversions Part 2

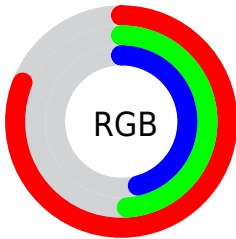
Format	Color
R_{YB}	207, 126, 118
Decimal	13598070
CIE _{Lab}	60.99, 31.02, 17.44
CIE _{LCh}	61, 35.581, 29.342
Yxy	29.2406, 0.4203, 0.3383
Android (android.graphics.Color)	4291788150 (0xFFCF7D76)
YUV	148.7200, -15.1450, 51.1116
Hunter-Lab	54.0746, 25.3138, 14.9711

Details

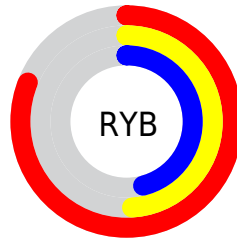
The XYZ color **36.3358, 29.2406, 20.8684** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.3871, 49.6631, 66.5416**, and the grayscale version is **28.4967, 29.9807, 32.6490**.

A 20% lighter version of the original color is **64.6158, 56.4025, 45.5114**, and **16.1992, 11.9584, 7.2488** is the 20% darker color. If you saturate the color by 10%, you get **33.0512, 24.4287, 14.3562**, and if you desaturate by 10%, it is **40.3554, 35.0904, 28.9578**.

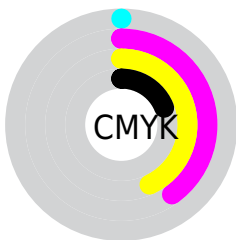
Distribution



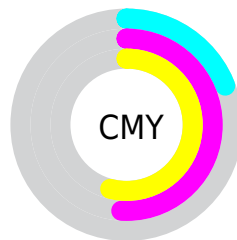
- Red (81%)
- Green (49%)
- Blue (46%)



- 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 36.3358, 29.2406, 20.8684 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 36.3358, 29.2406, 20.8684 by changing the saturation by 10% instead.


 36.3358, 29.2406,
20.8684


 36.3358, 29.2406,
20.8684

321.8316,
298.3485, 269.3363


 24.8650, 19.2629,
12.8375


 68.8705, 58.4591,
45.7464

 16.1047, 11.8604,
7.1874

 90.6651, 78.4688,
63.4305

 9.6896, 6.6487,
3.4993


 116.6317,
102.5912, 85.1696

 5.2543, 3.2434,
1.3549

147.1356,
131.2107, 111.3820

 2.4335, 1.2601,
0.1062

182.5422,
164.7118, 142.4863

 0.8619, 0.1100,
0.0000

223.2168,

 0.0000, 0.0000,

203.4789, 178.9011

0.0000

269.5248,
247.8963, 221.0449

■ 36.3358, 29.2406,
20.8684

■ 36.3358, 29.2406,
20.8684

■ 33.0512, 24.4287,
14.3562

■ 40.3554, 35.0904,
28.9578

■ 30.4548, 20.5900,
9.3166

■ 45.1484, 42.0292,
38.7165

■ 28.4982, 17.6592,
5.6352


■ 50.7533, 50.1101,
50.2312


■ 27.1253, 15.5614,
3.1798


■ 57.2054, 59.3812,
63.5823

■ 26.2704, 14.2095,
1.7916

■ 64.5379, 69.8881,
78.8453

 25.9218, 13.6447,
1.2675

 72.7821, 81.6737,
96.0914

 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



37.7236, 29.2406, 32.1330



36.3358, 29.2406, 20.8684



32.6043, 29.2406, 14.5026

Triad

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



36.3358, 29.2406, 20.8684



20.7899, 29.2406, 20.4864



27.6898, 29.2406, 64.9122

Complementary

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



36.3358, 29.2406, 20.8684



39.3871, 49.6631, 66.5416

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.



23.4787, 29.2406, 59.3294



36.3358, 29.2406, 20.8684



19.7777, 29.2406, 31.5449

Square

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



36.3358, 29.2406, 20.8684



23.6380, 29.2406, 14.3292



20.7054, 29.2406, 46.1032



32.4069, 29.2406, 59.7758

Rectangle

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



36.3358, 29.2406, 20.8684



29.4786, 29.2406, 12.7237



20.7054, 29.2406, 46.1032



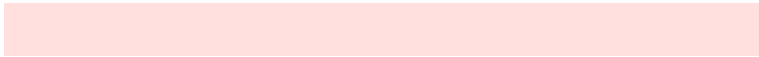
26.1716, 29.2406, 64.2073

Sweetspot

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



36.3365, 29.2421, 20.8690



81.1839, 80.0843, 80.1808



42.7612, 30.4427, 58.9219



16.9234, 16.4887, 16.2282



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.



36.3365, 29.2421, 20.8690



53.1428, 39.4053, 23.3476



43.0851, 42.7392, 23.1185



11.8824, 11.9556, 12.2934



16.3595, 8.6520, 0.8078



0.9413, 0.5370, 0.0540

Inverse Universe

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



39.3871, 49.6631, 66.5416



58.6534, 76.4281, 106.2685



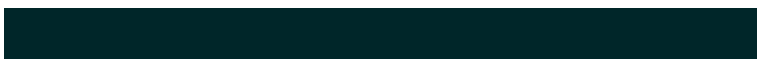
30.7177, 32.3244, 63.6518



12.0755, 13.2412, 15.1630



18.8262, 26.2991, 41.2765



1.0768, 1.5188, 2.3160

Previews

White Background



This preview shows how the XYZ color 36.3358, 29.2406, 20.8684 looks on a white background.

Color Contrast Check

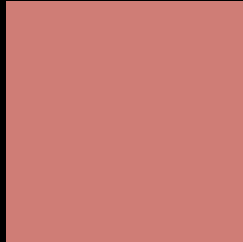
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3358, 29.2406, 20.8684 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 36.3358, 29.2406, 20.8684

Background



This preview shows how black text looks on a background with the XYZ color 36.3358, 29.2406, 20.8684.



This preview shows how white text looks on a background with the XYZ color 36.3358, 29.2406,

20.8684.

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

36.3358, 29.2406, 20.8684

Protanopia

27.9137, 29.4210, 24.9765

Deuteranopia

30.0011, 29.4680, 20.3263



Tritanopia

37.2602, 29.2418, 25.5102

Trichromacy



Original Color

36.3358, 29.2406, 20.8684

Protanomaly

30.3898, 28.9446, 23.3872

Deuteranomaly

31.9641, 29.1836, 20.4713

Tritanomaly

37.0508, 29.3575, 23.7924

Monochromacy



Original Color

36.3358, 29.2406, 20.8684

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 36.3358, 29.2406, 20.8684 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 125, 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, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 125, 118) }
```

Border

The CSS property to change the border of an element to XYZ 36.3358, 29.2406, 20.8684 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, 118) }
```


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

```
.border{ border-color:rgb(207, 125, 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, 125, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 125, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 125, 118);  
box-shadow:4px 4px 4px 4px rgb(207, 125,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3358, 29.2406, 20.8684 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, 118) }
```

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

```
.background{ background-color: rgb(207,  
125, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor