

Converting Colors

XYZ(36.0147, 28.1976, 21.8571)

Have a look what the booklet for
XYZ(36.0147, 28.1976, 21.8571)
contains.

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Color

**XYZ(35.9614, 28.1035,
21.9415)**

Conversions

Conversions Part 1

Format	Color
Hex	CF787A
RGB	207, 120, 122
RGB Percent	81%, 47%, 48%
CMY	0.1882, 0.5294, 0.5216
CMYK	0.00, 0.42, 0.41, 0.19
HSL	359°, 48%, 64%
HSV	359°, 42%, 81%
XYZ	35.9614, 28.1035, 21.9415
YIQ	146.2410, 51.2100, 19.0660

Conversions

Conversions Part 2

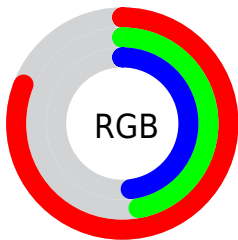
Format	Color
R_{YB}	207, 120, 122
Decimal	13596794
CIE _{Lab}	59.98, 34.12, 13.75
CIE _{LCh}	60, 36.790, 21.944
Yxy	28.1035, 0.4181, 0.3268
Android (android.graphics.Color)	4291786874 (0xFFCF787A)
YUV	146.2410, -11.9508, 53.2856
Hunter-Lab	53.0127, 28.3139, 12.5693

Details

The XYZ color **35.9614, 28.1035, 21.9415** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.0793, 53.0270, 65.8307**, and the grayscale version is **27.4540, 28.8838, 31.4544**.

A 20% lighter version of the original color is **64.0160, 54.5881, 47.2069**, and **15.9084, 11.2213, 7.6308** is the 20% darker color. If you saturate the color by 10%, you get **32.6101, 23.2020, 15.2718**, and if you desaturate by 10%, it is **40.1131, 34.1883, 30.1651**.

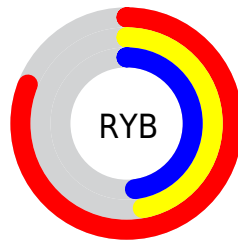
Distribution



Red (81%)

Green (47%)

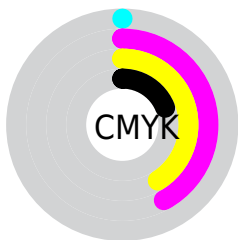
Blue (48%)



Red (81%)

Yellow (47%)

Blue (48%)

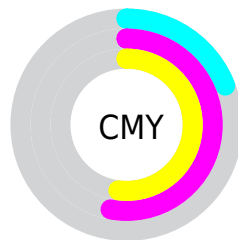


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9614, 28.1035, 21.9415 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 35.9614, 28.1035, 21.9415 by changing the saturation by 10% instead.


 35.9614, 28.1035,
21.9415


 35.9614, 28.1035,
21.9415


320.2260,
292.9611, 275.1842


 24.5744, 18.4037,
13.6160


 68.2967, 56.6496,
47.5502

 15.8873, 11.2402,
7.7184


 89.9758, 76.2648,
65.6706

 9.5348, 6.2286,
3.8301


 115.8161, 99.9538,
87.8929

 5.1515, 2.9846,
1.5326

146.1832,
128.1011, 114.6359

 2.3721, 1.1237,
0.2420

181.4424,
161.0911, 146.3179

 0.8312, 0.0000,
0.0000

221.9590,

 0.0000, 0.0000,

199.3082, 183.3576

0.0000

268.0984,
243.1367, 226.1735

■ 35.9614, 28.1035,
21.9415

■ 35.9614, 28.1035,
21.9415

■ 32.6101, 23.2020,
15.2718

■ 40.1131, 34.1883,
30.1651

■ 30.0056, 19.4030,
10.0569

■ 45.1098, 41.5219,
40.0302

■ 28.0914, 16.6224,
6.1888


■ 50.9953, 50.1701,
51.6196

■ 26.8020, 14.7621,
3.5437


■ 57.8100, 60.1927,
65.0102

■ 26.0591, 13.7048,
1.9752

■ 65.5915, 71.6460,
80.2741

 25.7580, 13.2757,
1.3412

 74.3757, 84.5830,
97.4797

 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.



36.6526, 28.1035, 34.3570



35.9614, 28.1035, 21.9415



32.6537, 28.1035, 14.4582

Triad

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



35.9614, 28.1035, 21.9415



20.2319, 28.1035, 17.3003



25.4697, 28.1035, 63.8819

Complementary

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



35.9614, 28.1035, 21.9415



41.0793, 53.0270, 65.8307

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.



21.5379, 28.1035, 55.7195



35.9614, 28.1035, 21.9415



18.7531, 28.1035, 27.1273

Square

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



35.9614, 28.1035, 21.9415



23.4868, 28.1035, 12.3753



19.2017, 28.1035, 41.2805



30.2187, 28.1035, 61.2826

Rectangle

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



35.9614, 28.1035, 21.9415



29.5999, 28.1035, 12.0510



19.2017, 28.1035, 41.2805



24.0174, 28.1035, 62.2379

Sweetspot

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



35.9621, 28.1049, 21.9420



80.5882, 78.7296, 80.4857



42.9089, 30.7909, 62.7129



16.7790, 16.1603, 16.3020



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.



35.9621, 28.1049, 21.9420



52.9519, 38.1913, 25.8493



41.7982, 39.9728, 23.2837



11.8196, 11.8126, 12.3257



16.2335, 8.3663, 0.8701



0.9116, 0.4694, 0.0694

Inverse Universe

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



35.9621, 28.1049, 21.9420



52.9519, 38.1913, 25.8493



32.7185, 35.9175, 64.2396



11.8196, 11.8126, 12.3257



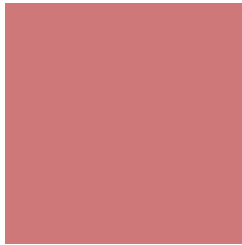
16.2335, 8.3663, 0.8701



0.9116, 0.4694, 0.0694

Previews

White Background



This preview shows how the XYZ color 35.9614, 28.1035, 21.9415 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 35.9614, 28.1035, 21.9415 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 35.9614, 28.1035, 21.9415

Background



This preview shows how black text looks on a background with the XYZ color 35.9614, 28.1035, 21.9415.



This preview shows how white text looks on a background with the XYZ color 35.9614, 28.1035,

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

35.9614, 28.1035, 21.9415

Protanopia

26.8540, 28.1518, 26.5727

Deuteranopia

28.7108, 28.1220, 21.3676



Tritanopia

36.2252, 28.0176, 23.9207

Trichromacy



Original Color

35.9614, 28.1035, 21.9415

Protanomaly

29.4878, 27.5976, 24.8918

Deuteranomaly

30.9328, 27.8037, 21.5056

Tritanomaly

36.0948, 27.9654, 23.2341

Monochromacy



Original Color

35.9614, 28.1035, 21.9415

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.6095, 28.0223, 27.5152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9614, 28.1035, 21.9415 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, 120, 122)` looks like.

```
.text, #text, p{  
    color:rgb(207, 120, 122)  
}
```

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, 120, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 120, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.9614, 28.1035, 21.9415 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, 120, 122) }
```


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

```
.border{ border-color:rgb(207, 120, 122) }
```

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

Here you see how a box with a 4 pixel rgb(207, 120, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 120, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 120, 122);  
box-shadow:4px 4px 4px 4px rgb(207, 120,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9614, 28.1035, 21.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 120, 122) }
```

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

```
.background{ background-color: rgb(207,  
120, 122) }
```

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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