

Converting Colors

XYZ(35.7315, 28.4257, 18.9837)

Have a look what the booklet for
XYZ(35.7315, 28.4257, 18.9837)
contains.

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Color

**XYZ(35.6163, 28.3543,
18.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7A70
RGB	207, 122, 112
RGB Percent	81%, 48%, 44%
CMY	0.1882, 0.5215, 0.5608
CMYK	0.00, 0.41, 0.46, 0.19
HSL	6°, 50%, 63%
HSV	6°, 46%, 81%
XYZ	35.6163, 28.3543, 18.9250
YIQ	146.2750, 53.8700, 14.9100

Conversions

Conversions Part 2

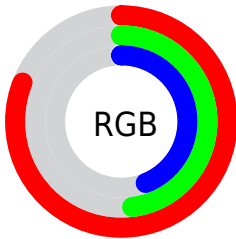
Format	Color
R_{YB}	207, 123, 112
Decimal	13597296
CIE Lab	60.21, 31.99, 19.78
CIE LCh	60, 37.613, 31.723
Yxy	28.3543, 0.4297, 0.3420
Android (android.graphics.Color)	4291787376 (0xFFCF7A70)
YUV	146.2750, -16.8976, 53.2558
Hunter-Lab	53.2488, 26.2073, 16.2020

Details

The XYZ color **35.6163, 28.3543, 18.9250** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.9099, 47.8801, 66.2751**, and the grayscale version is **27.4869, 28.9183, 31.4921**.

A 20% lighter version of the original color is **63.2708, 54.6003, 42.3261**, and **15.6372, 11.3945, 6.2257** is the 20% darker color. If you saturate the color by 10%, you get **32.5321, 23.8233, 12.8495**, and if you desaturate by 10%, it is **39.4002, 33.8608, 26.5413**.

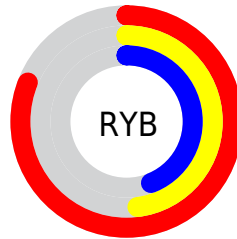
Distribution



Red (81%)

Green (48%)

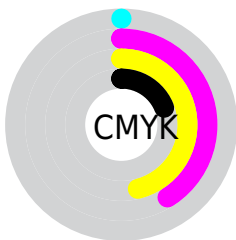
Blue (44%)



Red (81%)

Yellow (48%)

Blue (44%)

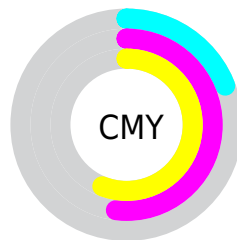


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (19%)



Cyan (19%)


Magenta (52%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6163, 28.3543, 18.9250 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 35.6163, 28.3543, 18.9250 by changing the saturation by 10% instead.


 35.6163, 28.3543,
18.9250


 35.6163, 28.3543,
18.9250


318.7409,
294.1560, 258.4433

 24.3067, 18.5929,
11.4398


 67.7672, 57.0496,
42.4423


 15.6873, 11.3765,
6.2456


 89.3392, 76.7523,
59.3116

 9.3926, 6.3207,
2.9238


 115.0627,
100.5376, 80.1460

 5.0573, 3.0410,
1.0559

 145.3032,
128.7898, 105.3640

 2.3160, 1.1532,
0.0000

180.4259,
161.8933, 135.3842

 0.8028, 0.0230,
0.0000

220.7961,

 0.0000, 0.0000,

200.2326, 170.6251

0.0000

266.7794,
244.1921, 211.5053

■ 35.6163, 28.3543,
18.9250

■ 35.6163, 28.3543,
18.9250

■ 32.5321, 23.8233,
12.8495

■ 39.4002, 33.8608,
26.5413

■ 30.1025, 20.2068,
8.2081

■ 43.9211, 40.3906,
35.7922

■ 28.2800, 17.4435,
4.8829


■ 49.2161, 47.9936,
46.7658


■ 27.0103, 15.4629,
2.7365


■ 55.3192, 56.7151,
59.5434

■ 26.2280, 14.1828,
1.5993

■ 62.2625, 66.5978,
74.2011

 26.0152, 13.8316,
1.2986

 70.0762, 77.6822,
90.8109

 78.4813, 89.8839,
107.8207

 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.



37.3029, 28.3543, 30.0825



35.6163, 28.3543, 18.9250



31.5777, 28.3543, 12.9153

Triad

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



35.6163, 28.3543, 18.9250



19.5915, 28.3543, 19.9392



27.2293, 28.3543, 65.6803

Complementary

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



35.6163, 28.3543, 18.9250



37.9099, 47.8801, 66.2751

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.



22.7979, 28.3543, 60.6036



35.6163, 28.3543, 18.9250



18.7151, 28.3543, 31.6773

Square

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



35.6163, 28.3543, 18.9250



22.3693, 28.3543, 13.3665



19.8174, 28.3543, 47.0179



32.1167, 28.3543, 59.3620

Rectangle

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



35.6163, 28.3543, 18.9250



28.3047, 28.3543, 11.3665



19.8174, 28.3543, 47.0179



25.6391, 28.3543, 65.2444

Sweetspot

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



35.6170, 28.3557, 18.9255



80.4694, 79.1975, 78.2706



41.6618, 28.9081, 56.5082



16.7934, 16.3353, 15.8559



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.



35.6170, 28.3557, 18.9255



52.2391, 38.3300, 20.7895



42.8448, 42.8113, 21.3348



11.9075, 12.0057, 12.3018



16.4243, 8.7815, 0.8293



0.9531, 0.5606, 0.0580

Inverse Universe

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



37.9099, 47.8801, 66.2751



56.3152, 73.3035, 105.7886



28.8511, 29.7627, 63.2556



12.0476, 13.1855, 15.1537



18.0943, 24.8353, 41.0325



1.0430, 1.4511, 2.3047

Previews

White Background



This preview shows how the XYZ color 35.6163, 28.3543, 18.9250 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 35.6163, 28.3543, 18.9250 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 35.6163, 28.3543, 18.9250

Background



This preview shows how black text looks on a background with the XYZ color 35.6163, 28.3543, 18.9250.



This preview shows how white text looks on a background with the XYZ color 35.6163, 28.3543,

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

35.6163, 28.3543, 18.9250

Protanopia

26.8374, 28.4532, 22.8164

Deuteranopia

29.1517, 28.6309, 18.4579



Tritanopia

36.6252, 28.4014, 23.9737

Trichromacy



Original Color

35.6163, 28.3543, 18.9250

Protanomaly

29.5090, 28.1075, 21.3228

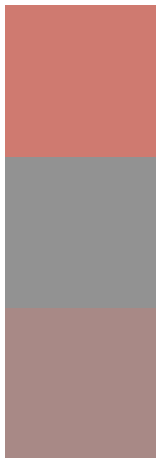
Deuteranomaly

31.2096, 28.2151, 18.5530

Tritanomaly

36.3626, 28.4898, 21.9949

Monochromacy



Original Color

35.6163, 28.3543, 18.9250

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.3972, 27.9374, 26.3973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6163, 28.3543, 18.9250 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, 122, 112)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 112)  
}
```

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, 122, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 112) }
```

Border

The CSS property to change the border of an element to XYZ 35.6163, 28.3543, 18.9250 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, 122, 112) }
```


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

```
.border{ border-color:rgb(207, 122, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 122, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 112);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6163, 28.3543, 18.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 112) }
```

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

```
.background{ background-color: rgb(207,  
122, 112) }
```

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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