

Converting Colors

XYZ(34.8581, 27.9236, 20.6921)

Have a look what the booklet for
XYZ(34.8581, 27.9236, 20.6921)
contains.

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Color

**XYZ(34.8581, 27.9236,
20.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7A76
RGB	203, 122, 118
RGB Percent	80%, 48%, 46%
CMY	0.2039, 0.5215, 0.5373
CMYK	0.00, 0.40, 0.42, 0.20
HSL	3°, 45%, 63%
HSV	3°, 42%, 80%
XYZ	34.8581, 27.9236, 20.6921
YIQ	145.7630, 49.5600, 15.9280

Conversions

Conversions Part 2

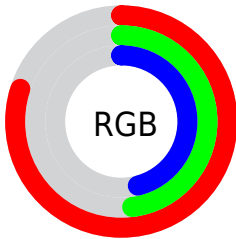
Format	Color
R _Y B	203, 122, 118
Decimal	13335158
CIE Lab	59.82, 31.09, 15.74
CIE LCh	60, 34.845, 26.849
Yxy	27.9236, 0.4176, 0.3345
Android (android.graphics.Color)	4291525238 (0xFFCB7A76)
YUV	145.7630, -13.6872, 50.1968
Hunter-Lab	52.8428, 25.2739, 13.7733

Details

The XYZ color **34.8581, 27.9236, 20.6921** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.6730, 49.0078, 63.9208**, and the grayscale version is **27.2653, 28.6853, 31.2382**.

A 20% lighter version of the original color is **63.8257, 54.8222, 45.2480**, and **15.2769, 11.1879, 7.1487** is the 20% darker color. If you saturate the color by 10%, you get **31.6357, 23.2061, 14.2932**, and if you desaturate by 10%, it is **38.8142, 33.6931, 28.6168**.

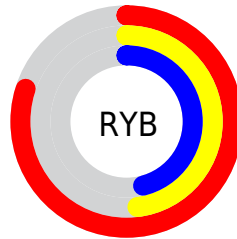
Distribution



Red (80%)

Green (48%)

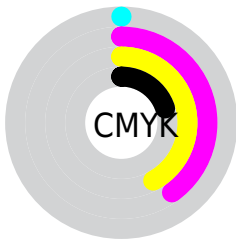
Blue (46%)



Red (80%)

Yellow (48%)

Blue (46%)

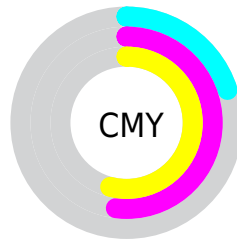


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (20%)



Cyan (20%)


Magenta (52%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8581, 27.9236, 20.6921 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 34.8581, 27.9236, 20.6921 by changing the saturation by 10% instead.


 34.8581, 27.9236,
20.6921


 34.8581, 27.9236,
20.6921


315.4606,
292.1017, 268.3647


 23.7196, 18.2681,
12.7101


 66.6014, 56.3624,
45.4487

 15.2494, 11.1426,
7.1008


 87.9368, 75.9146,
63.0603

 9.0820, 6.1628,
3.4458


 113.4020, 99.5343,
84.7188

 4.8523, 2.9444,
1.3265

143.3622,
127.6061, 110.8429

 2.1947, 1.1028,
0.0834

178.1828,
160.5144, 141.8509

 0.7399, 0.0000,
0.0000

218.2291,

 0.0000, 0.0000,

198.6434, 178.1616

0.0000

263.8666,
242.3777, 220.1933

■ 34.8581, 27.9236,
20.6921

■ 34.8581, 27.9236,
20.6921

■ 31.6357, 23.2061,
14.2932

■ 38.8142, 33.6931,
28.6168

■ 29.1000, 19.4734,
9.3206

■ 43.5432, 40.5683,
38.1551

■ 27.2015, 16.6569,
5.6655


■ 49.0837, 48.6043,
49.3898


■ 25.8837, 14.6776,
3.2028


■ 55.4715, 57.8511,
62.3979

■ 25.0796, 13.4430,
1.7830

■ 62.7401, 68.3561,
77.2513

 24.7323, 12.9041,
1.1872

 70.9210, 80.1638,
94.0182

 78.4385, 91.4365,
108.1226

Harmonies

Analogous

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



35.9515, 27.9236, 31.7600



34.8581, 27.9236, 20.6921



31.4588, 27.9236, 14.2532

Triad

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



34.8581, 27.9236, 20.6921



20.0485, 27.9236, 18.9525



26.0767, 27.9236, 61.7146

Complementary

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



34.8581, 27.9236, 20.6921



38.6730, 49.0078, 63.9208

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.



22.1636, 27.9236, 55.6404



34.8581, 27.9236, 20.6921



18.9344, 27.9236, 29.0873

Square

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



34.8581, 27.9236, 20.6921



22.8880, 27.9236, 13.4619



19.6640, 27.9236, 42.7599



30.5623, 27.9236, 57.6637

Rectangle

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



34.8581, 27.9236, 20.6921



28.5192, 27.9236, 12.3423



19.6640, 27.9236, 42.7599



24.6556, 27.9236, 60.7564

Sweetspot

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



34.8588, 27.9250, 20.6926



80.9026, 79.5216, 80.0871



41.5518, 29.8315, 58.3136



16.8552, 16.3522, 16.2054



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.



34.8588, 27.9250, 20.6926



53.5606, 39.7197, 25.0937



41.0551, 40.3175, 22.7580



11.2540, 11.2970, 11.6668



15.7583, 8.2495, 0.7618



0.8281, 0.4560, 0.0444

Inverse Universe

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



38.6730, 49.0078, 63.9208



60.7504, 79.5172, 106.7542



30.4209, 32.5037, 61.1701



11.4962, 12.6329, 14.4028



19.0767, 27.1773, 40.1966



0.9984, 1.4306, 2.0784

Previews

White Background



This preview shows how the XYZ color 34.8581, 27.9236, 20.6921 looks on a white background.

Color Contrast Check

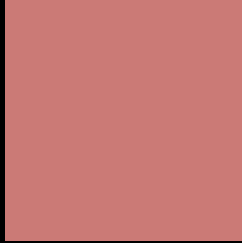
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8581, 27.9236, 20.6921 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 34.8581, 27.9236, 20.6921

Background



This preview shows how black text looks on a background with the XYZ color 34.8581, 27.9236, 20.6921.



This preview shows how white text looks on a background with the XYZ color 34.8581, 27.9236,

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

34.8581, 27.9236, 20.6921

Protanopia

26.6982, 28.1108, 24.7877

Deuteranopia

28.6893, 28.1381, 20.1388



Tritanopia

35.5808, 27.8553, 24.2702

Trichromacy



Original Color

34.8581, 27.9236, 20.6921

Protanomaly

29.0834, 27.6350, 23.2033

Deuteranomaly

30.5960, 27.8598, 20.2879

Tritanomaly

35.4409, 27.9928, 22.9372

Monochromacy



Original Color

34.8581, 27.9236, 20.6921

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.3259, 27.8844, 27.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8581, 27.9236, 20.6921 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(203, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(203, 122, 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(203, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 122, 118) }
```

Border

The CSS property to change the border of an element to XYZ 34.8581, 27.9236, 20.6921 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(203, 122, 118) }
```


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

```
.border{ border-color:rgb(203, 122, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 122, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(203, 122,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8581, 27.9236, 20.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 122, 118) }
```

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

```
.background{ background-color: rgb(203,  
122, 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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