

Converting Colors

XYZ(35.8574, 30.4229, 27.2749)

Have a look what the booklet for
XYZ(35.8574, 30.4229, 27.2749)
contains.

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Color

**XYZ(35.8574, 30.4229,
27.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	C58588
RGB	197, 133, 136
RGB Percent	77%, 52%, 53%
CMY	0.2275, 0.4784, 0.4667
CMYK	0.00, 0.32, 0.31, 0.23
HSL	357°, 36%, 65%
HSV	357°, 32%, 77%
XYZ	35.8574, 30.4229, 27.2749
YIQ	152.4780, 37.1810, 14.5010

Conversions

Conversions Part 2

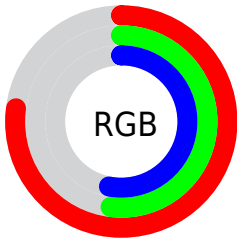
Format	Color
RYB	197, 133, 136
Decimal	12944776
CIELab	62.02, 25.00, 8.44
CIELCh	62, 26.388, 18.647
Yxy	30.4229, 0.3833, 0.3252
Android (android.graphics.Color)	4291134856 (0xFFC58588)
YUV	152.4780, -8.1237, 39.0458
Hunter-Lab	55.1570, 19.5177, 9.2912

Details

The XYZ color **35.8574, 30.4229, 27.2749** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3780, 48.8147, 58.3881**, and the grayscale version is **30.0751, 31.6414, 34.4575**.

A 20% lighter version of the original color is **68.1956, 60.4748, 56.2226**, and **15.7575, 12.5211, 10.3904** is the 20% darker color. If you saturate the color by 10%, you get **32.1892, 25.0384, 20.0349**, and if you desaturate by 10%, it is **40.2668, 36.9155, 35.9161**.

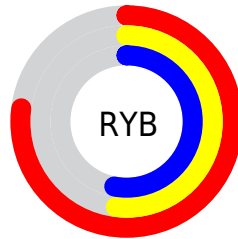
Distribution



Red (77%)

Green (52%)

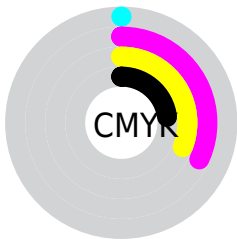
Blue (53%)



Red (77%)

Yellow (52%)

Blue (53%)

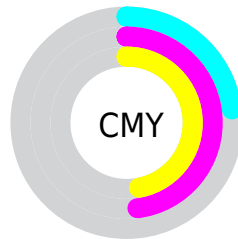


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (23%)



Cyan (23%)


Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8574, 30.4229, 27.2749 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 35.8574, 30.4229, 27.2749 by changing the saturation by 10% instead.


 35.8574, 30.4229,
27.2749


 35.8574, 30.4229,
27.2749


319.7790,
303.8707, 302.7879


 24.4937, 20.1598,
17.5455


 68.1372, 60.3303,
56.3338

 15.8270, 12.5113,
10.4581


 89.7840, 80.7435,
76.5003

 9.4919, 7.0929,
5.5942


 115.5893,
105.3087, 100.9831

 5.1230, 3.5203,
2.5352

145.9182,
134.4105, 130.2005

 2.3551, 1.4090,
0.8587

181.1364,
168.4332, 164.5711

 0.8226, 0.2233,
0.0000

221.6089,

 0.0000, 0.0000,

207.7612, 204.5136

0.0000

267.7014,
252.7789, 250.4463

■ 35.8574, 30.4229,
27.2749

■ 35.8574, 30.4229,
27.2749

■ 32.1892, 25.0384,
20.0349

■ 40.2668, 36.9155,
35.9161

■ 29.2194, 20.6959,
14.1206

■ 45.4525, 44.5685,
46.0250

■ 26.9042, 17.3295,
9.4522

■ 51.4502, 53.4363,
57.6661

■ 25.1941, 14.8635,
5.9405

■ 58.2927, 63.5686,
70.8992

■ 24.0325, 13.2114,
3.4845

■ 66.0109, 75.0123,
85.7813

■ 23.3521, 12.2697,
1.9658

■ 74.6343, 87.8117,
102.3664

■ 23.0765, 11.8906,
1.3437

■ 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



36.1167, 30.4229, 37.1133



35.8574, 30.4229, 27.2749



33.6508, 30.4229, 20.5404

Triad

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



35.8574, 30.4229, 27.2749



24.1013, 30.4229, 21.8421



27.5966, 30.4229, 56.1513

Complementary

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



35.8574, 30.4229, 27.2749



39.3780, 48.8147, 58.3881

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.



24.6477, 30.4229, 50.0204



35.8574, 30.4229, 27.2749



22.7423, 30.4229, 29.4338

Square

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



35.8574, 30.4229, 27.2749



26.7937, 30.4229, 17.8742



22.9338, 30.4229, 39.7578



31.1476, 30.4229, 55.2437

Rectangle

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



35.8574, 30.4229, 27.2749



31.4662, 30.4229, 18.0837



22.9338, 30.4229, 39.7578



26.5076, 30.4229, 54.8020

Sweetspot

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



35.8582, 30.4244, 27.2755



83.7785, 83.3280, 87.0431



40.6632, 32.2506, 56.9052



17.6192, 17.3734, 18.0229



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.



35.8582, 30.4244, 27.2755



59.4163, 47.4315, 39.3759



40.1456, 39.3352, 27.6686



10.6537, 10.6448, 11.1595



15.1871, 7.8244, 0.9292



0.7263, 0.3734, 0.0818

Inverse Universe

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



35.8582, 30.4244, 27.2755



59.4163, 47.4315, 39.3759



33.7917, 37.0982, 58.2031



10.6537, 10.6448, 11.1595



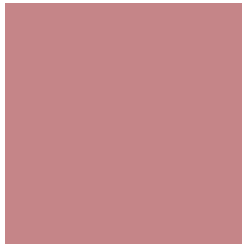
15.1871, 7.8244, 0.9292



0.7263, 0.3734, 0.0818

Previews

White Background



This preview shows how the XYZ color 35.8574, 30.4229, 27.2749 looks on a white background.

Color Contrast Check

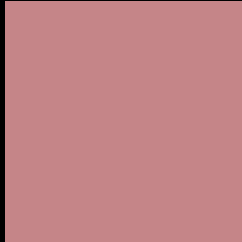
Large Text (above 18pt) WCAG AA × Fail

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 35.8574, 30.4229, 27.2749 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8574, 30.4229, 27.2749

Background



This preview shows how black text looks on a background with the XYZ color 35.8574, 30.4229, 27.2749.



This preview shows how white text looks on a background with the XYZ color 35.8574, 30.4229,

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

35.8574, 30.4229, 27.2749

Protanopia

29.3436, 30.7271, 31.1724

Deuteranopia

31.2231, 30.6300, 26.8208



Tritanopia

36.4225, 30.4613, 29.5511

Trichromacy



Original Color

35.8574, 30.4229, 27.2749

Protanomaly

31.4333, 30.4456, 29.8111

Deuteranomaly

32.7204, 30.5023, 27.0847

Tritanomaly

36.2736, 30.4017, 28.7672

Monochromacy



Original Color

35.8574, 30.4229, 27.2749

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.4622, 30.6510, 31.4521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8574, 30.4229, 27.2749 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(197, 133, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 133, 136)  
}
```

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(197, 133, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 133, 136) }
```

Border

The CSS property to change the border of an element to XYZ 35.8574, 30.4229, 27.2749 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(197, 133, 136) }
```


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

```
.border{ border-color:rgb(197, 133, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 133, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 133, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 133, 136);  
box-shadow:4px 4px 4px 4px rgb(197, 133,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8574, 30.4229, 27.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 133, 136) }
```

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

```
.background{ background-color: rgb(197,  
133, 136) }
```

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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