

Converting Colors

XYZ(40.3839, 34.8250, 27.7448)

Have a look what the booklet for
XYZ(40.3839, 34.8250, 27.7448)
contains.

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Color

**XYZ(40.5609, 34.9778,
27.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	D18F88
RGB	209, 143, 136
RGB Percent	82%, 56%, 53%
CMY	0.1804, 0.4392, 0.4667
CMYK	0.00, 0.32, 0.35, 0.18
HSL	6°, 44%, 68%
HSV	6°, 35%, 82%
XYZ	40.5609, 34.9778, 27.9062
YIQ	161.9360, 41.5830, 11.8150

Conversions

Conversions Part 2

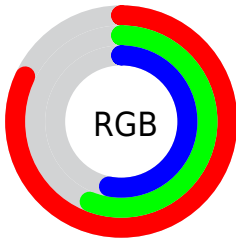
Format	Color
R _Y B	209, 144, 136
Decimal	13733768
CIE Lab	65.73, 24.15, 13.88
CIE LCh	66, 27.850, 29.882
Yxy	34.9778, 0.3921, 0.3381
Android (android.graphics.Color)	4291923848 (0xFFD18F88)
YUV	161.9360, -12.7864, 41.2751
Hunter-Lab	59.1420, 18.9206, 13.4234

Details

The XYZ color **40.5609, 34.9778, 27.9062** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7818, 52.0769, 68.1187**, and the grayscale version is **34.3578, 36.1471, 39.3642**.

A 20% lighter version of the original color is **70.3916, 64.8666, 56.9546**, and **18.6437, 15.0985, 10.7358** is the 20% darker color. If you saturate the color by 10%, you get **36.6164, 29.2385, 19.9639**, and if you desaturate by 10%, it is **45.2746, 41.7917, 37.5345**.

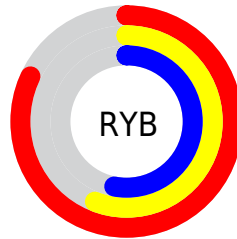
Distribution



Red (82%)

Green (56%)

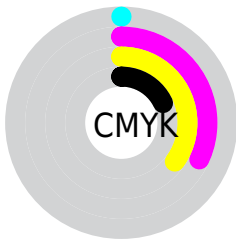
Blue (53%)



Red (82%)

Yellow (56%)

Blue (53%)

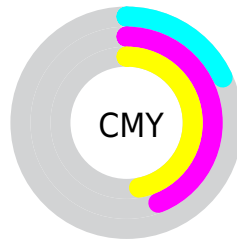


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5609, 34.9778, 27.9062 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 40.5609, 34.9778, 27.9062 by changing the saturation by 10% instead.


 40.5609, 34.9778,
27.9062


 40.5609, 34.9778,
27.9062

339.5761,
324.4703, 305.9163


 28.1623, 23.6458,
18.0165


 75.2958, 67.4514,
57.3559

 18.5891, 15.0711,
10.7923


 98.3628, 89.3617,
77.7531

 11.4760, 8.8693,
5.8149

 125.7167,
115.5669, 102.4899

 6.4576, 4.6560,
2.6659

157.7227,
146.4515, 131.9847

 3.1686, 2.0469,
0.9262

194.7463,
182.3997, 166.6563

 1.2435, 0.6345,
0.0000

237.1529,

 0.1403, 0.0000,

223.7960, 206.9230

0.0000

285.3076,
271.0247, 253.2035

■ 0.0000, 0.0000,
0.0000

■ 40.5609, 34.9778,
27.9062

■ 40.5609, 34.9778,
27.9062

■ 36.6164, 29.2385,
19.9639

■ 45.2746, 41.7917,
37.5345

■ 33.3976, 24.5143,
13.6086

■ 50.7926, 49.7260,
48.9360

■ 30.8606, 20.7474,
8.7339

■ 57.1511, 58.8298,
62.1943

■ 28.9561, 17.8721,
5.2199

■ 64.3832, 69.1478,
77.3871

■ 27.6273, 15.8146,
2.9276

■ 72.5203, 80.7224,
94.5878

■ 26.8078, 14.4889,
1.6883

■ 80.1045, 92.2953,
108.2006

■ 26.5456, 14.0575,
1.3143

Harmonies

Analogous

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



41.7695, 34.9778, 38.1313



40.5609, 34.9778, 27.9062



37.3606, 34.9778, 21.7016

Triad

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



40.5609, 34.9778, 27.9062



26.8810, 34.9778, 27.8409



33.2291, 34.9778, 65.4221

Complementary

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



40.5609, 34.9778, 27.9062



42.7818, 52.0769, 68.1187

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.



29.4439, 34.9778, 61.1463



40.5609, 34.9778, 27.9062



25.9677, 34.9778, 38.0385

Square

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



40.5609, 34.9778, 27.9062



29.4698, 34.9778, 21.6697



26.8670, 34.9778, 50.4790



37.3303, 34.9778, 61.2100

Rectangle

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



40.5609, 34.9778, 27.9062



34.6498, 34.9778, 19.8999



26.8670, 34.9778, 50.4790



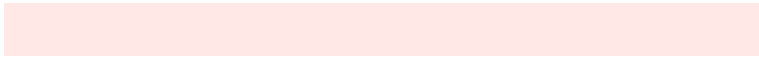
31.8794, 34.9778, 64.9198

Sweetspot

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



40.5618, 34.9795, 27.9069



84.2944, 84.6283, 86.3874



45.8684, 35.4718, 60.8772



17.7428, 17.6847, 17.8660



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.



40.5618, 34.9795, 27.9069



58.8343, 47.9088, 34.1219



46.7754, 47.4066, 29.9781



11.8987, 11.9880, 12.2988



16.3999, 8.7328, 0.8212



0.9490, 0.5523, 0.0566

Inverse Universe

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



42.7818, 52.0769, 68.1187



62.8136, 78.6444, 106.4770



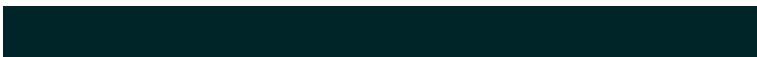
35.3744, 37.2623, 65.6496



12.0574, 13.2050, 15.1570



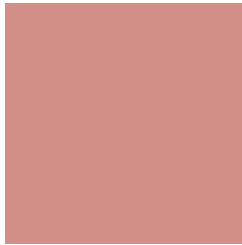
18.3488, 25.3441, 41.1173



1.0548, 1.4747, 2.3086

Previews

White Background



This preview shows how the XYZ color 40.5609, 34.9778, 27.9062 looks on a white background.

Color Contrast Check

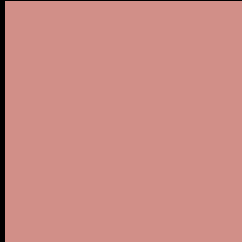
Large Text (above 18pt) WCAG AA × Fail

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 40.5609, 34.9778, 27.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

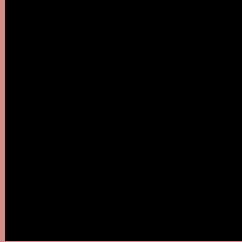
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5609, 34.9778, 27.9062

Background



This preview shows how black text looks on a background with the XYZ color 40.5609, 34.9778, 27.9062.



This preview shows how white text looks on a background with the XYZ color 40.5609, 34.9778,

27.9062.

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

40.5609, 34.9778, 27.9062

Protanopia

33.5412, 35.3707, 31.4450

Deuteranopia

35.8663, 35.1467, 27.4479



Tritanopia

41.6891, 34.9858, 33.8338

Trichromacy



Original Color

40.5609, 34.9778, 27.9062

Protanomaly

35.6547, 34.9794, 30.0718

Deuteranomaly

37.5277, 35.0313, 27.7055

Tritanomaly

41.4397, 35.1230, 31.7894

Monochromacy



Original Color

40.5609, 34.9778, 27.9062

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0615, 35.3263, 35.0550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5609, 34.9778, 27.9062 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(209, 143, 136)` looks like.

```
.text, #text, p{  
    color:rgb(209, 143, 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(209, 143, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 143, 136) }
```

Border

The CSS property to change the border of an element to XYZ 40.5609, 34.9778, 27.9062 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(209, 143, 136) }
```


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

```
.border{ border-color:rgb(209, 143, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 143, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 143, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 143, 136);  
box-shadow:4px 4px 4px 4px rgb(209, 143,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5609, 34.9778, 27.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 143, 136) }
```

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

```
.background{ background-color: rgb(209,  
143, 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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