

Converting Colors

XYZ(41.9763, 35.0568, 28.5333)

Have a look what the booklet for
XYZ(41.9763, 35.0568, 28.5333)
contains.

XYZ(41.9899, 35.0382, 28.5947)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.9899, 35.0382,
28.5947)**

Conversions

Conversions Part 1

Format	Color
Hex	D78C8A
RGB	215, 140, 138
RGB Percent	84%, 55%, 54%
CMY	0.1569, 0.4510, 0.4588
CMYK	0.00, 0.35, 0.36, 0.16
HSL	2°, 49%, 69%
HSV	2°, 36%, 84%
XYZ	41.9899, 35.0382, 28.5947
YIQ	162.1970, 45.3420, 15.2780

Conversions

Conversions Part 2

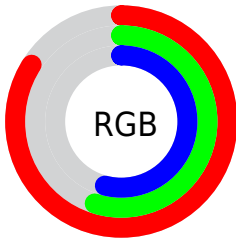
Format	Color
R _Y B	215, 140, 138
Decimal	14126218
CIE Lab	65.78, 28.31, 12.92
CIE LCh	66, 31.123, 24.528
Yxy	35.0382, 0.3975, 0.3317
Android (android.graphics.Color)	4292316298 (0xFFD78C8A)
YUV	162.1970, -11.9291, 46.3082
Hunter-Lab	59.1931, 23.0350, 12.7936

Details

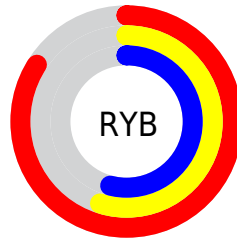
The XYZ color **41.9899, 35.0382, 28.5947** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5404, 57.8961, 73.0123**, and the grayscale version is **34.4751, 36.2705, 39.4985**.

A 20% lighter version of the original color is **69.9358, 63.6052, 57.8812**, and **19.4344, 15.1184, 11.1264** is the 20% darker color. If you saturate the color by 10%, you get **37.8106, 28.9289, 20.2672**, and if you desaturate by 10%, it is **47.0614, 42.4386, 38.7404**.

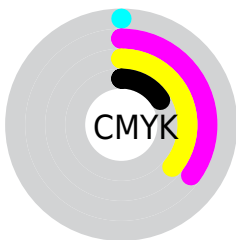
Distribution



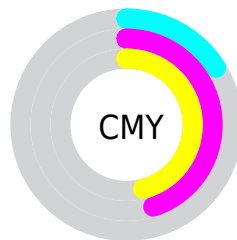
- Red (84%)
- Green (55%)
- Blue (54%)



- Red (84%)
- Yellow (55%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (36%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9899, 35.0382, 28.5947 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 41.9899, 35.0382, 28.5947 by changing the saturation by 10% instead.

 41.9899, 35.0382,
28.5947

 41.9899, 35.0382,
28.5947

345.4334,
324.7369, 309.2987

 29.2845, 23.6923,
18.5315


 77.4496, 67.5449,
58.4670

 19.4415, 15.1055,
11.1589


 100.9346, 89.4746,
79.1132

 12.0956, 8.8935,
6.0583


 128.7434,
115.7009, 104.1241

 6.8815, 4.6718,
2.8112

161.2415,
146.6083, 133.9183

 3.4338, 2.0560,
0.9991

198.7942,
182.5813, 168.9143

 1.3871, 0.6397,
0.0000

241.7668,

 0.2470, 0.0000,

224.0041, 209.5307

0.0000

290.5248,
271.2612, 256.1860

■ 0.0000, 0.0000,
0.0000

■ 41.9899, 35.0382,
28.5947

■ 41.9899, 35.0382,
28.5947

■ 37.8106, 28.9289,
20.2672

■ 47.0614, 42.4386,
38.7404

■ 34.4694, 24.0321,
13.6486

■ 53.0697, 51.1927,
50.8008

■ 31.9105, 20.2684,
8.6211

■ 60.0595, 61.3651,
64.8679

■ 30.0703, 17.5471,
5.0510

■ 68.0722, 73.0151,
81.0274

■ 28.8752, 15.7635,
2.7829

■ 77.1464, 86.1981,
99.3598

■ 28.2357, 14.7908,
1.6252

■ 81.8344, 93.1871,
108.2815

■ 28.0852, 14.5686,
1.3318

Harmonies

Analogous

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



42.8782, 35.0382, 40.6110



41.9899, 35.0382, 28.5947



38.6886, 35.0382, 21.0532

Triad

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



41.9899, 35.0382, 28.5947



26.6230, 35.0382, 25.2877



32.4686, 35.0382, 69.2294

Complementary

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



41.9899, 35.0382, 28.5947



46.5404, 57.8961, 73.0123

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.



28.4415, 35.0382, 62.6452



41.9899, 35.0382, 28.5947



25.2709, 35.0382, 35.7917

Square

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



41.9899, 35.0382, 28.5947



29.7734, 35.0382, 19.4735



25.9049, 35.0382, 49.6286



37.1006, 35.0382, 66.0588

Rectangle

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



41.9899, 35.0382, 28.5947



35.7119, 35.0382, 18.6151



25.9049, 35.0382, 49.6286



31.0045, 35.0382, 68.0454

Sweetspot

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



41.9908, 35.0399, 28.5954



82.7537, 82.1143, 84.1249



49.2145, 37.4650, 68.0665



17.4156, 17.1434, 17.4084



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.



41.9908, 35.0399, 28.5954



56.9999, 44.5591, 32.5263



48.4894, 48.0370, 30.7616



12.4489, 12.4720, 12.9119



16.8102, 8.7376, 0.8005



1.0232, 0.5457, 0.0514

Inverse Universe

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



46.5404, 57.8961, 73.0123



64.6450, 82.9839, 107.2181



38.1195, 41.0543, 70.2053



12.7632, 14.0498, 15.9767



21.0459, 30.3535, 43.2027



1.2783, 1.8487, 2.6088

Previews

White Background



This preview shows how the XYZ color 41.9899, 35.0382, 28.5947 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 41.9899, 35.0382, 28.5947 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 41.9899, 35.0382, 28.5947

Background



This preview shows how black text looks on a background with the XYZ color 41.9899, 35.0382, 28.5947.



This preview shows how white text looks on a background with the XYZ color 41.9899, 35.0382,

28.5947.

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

41.9899, 35.0382, 28.5947

Protanopia

33.6420, 35.3867, 33.0742

Deuteranopia

35.6959, 35.0508, 27.8058



Tritanopia

42.8322, 34.9458, 32.9215

Trichromacy



Original Color

41.9899, 35.0382, 28.5947

Protanomaly

36.1924, 34.9864, 31.2311

Deuteranomaly

37.6971, 34.8746, 28.0372

Tritanomaly

42.6624, 35.1085, 31.3161

Monochromacy



Original Color

41.9899, 35.0382, 28.5947

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.3614, 35.2349, 35.0215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9899, 35.0382, 28.5947 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(215, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(215, 140, 138)  
}
```

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(215, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 140, 138) }
```

Border

The CSS property to change the border of an element to XYZ 41.9899, 35.0382, 28.5947 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(215, 140, 138) }
```


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

```
.border{ border-color:rgb(215, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(215, 140,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9899, 35.0382, 28.5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 140, 138) }
```

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

```
.background{ background-color: rgb(215,  
140, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor