

Converting Colors

XYZ(42.5252, 35.8882, 30.5930)

Have a look what the booklet for
XYZ(42.5252, 35.8882, 30.5930)
contains.

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Color

**XYZ(42.5119, 35.9242,
30.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	D68F8F
RGB	214, 143, 143
RGB Percent	84%, 56%, 56%
CMY	0.1608, 0.4392, 0.4392
CMYK	0.00, 0.33, 0.33, 0.16
HSL	0°, 46%, 70%
HSV	0°, 33%, 84%
XYZ	42.5119, 35.9242, 30.6800
YIQ	164.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

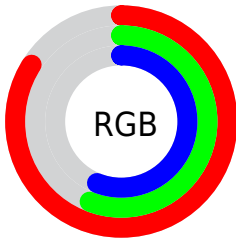
Format	Color
R _Y B	214, 143, 143
Decimal	14061455
CIE Lab	66.46, 26.94, 11.06
CIE LCh	66, 29.121, 22.317
Yxy	35.9242, 0.3896, 0.3292
Android (android.graphics.Color)	4292251535 (0xFFD68F8F)
YUV	164.2290, -10.4659, 43.6492
Hunter-Lab	59.9368, 21.7169, 11.6068

Details

The XYZ color **42.5119, 35.9242, 30.6800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5109, 58.7856, 72.4610**, and the grayscale version is **35.4306, 37.2758, 40.5933**.

A 20% lighter version of the original color is **71.2843, 65.2237, 61.6557**, and **19.7076, 15.6127, 12.3308** is the 20% darker color. If you saturate the color by 10%, you get **38.1311, 29.5141, 21.9701**, and if you desaturate by 10%, it is **47.8166, 43.6868, 41.2243**.

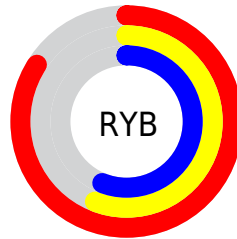
Distribution



Red (84%)

Green (56%)

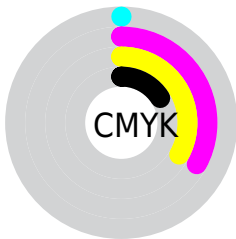
Blue (56%)



Red (84%)

Yellow (56%)

Blue (56%)

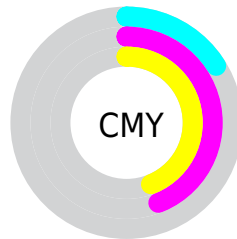


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (16%)



Cyan (16%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5119, 35.9242, 30.6800 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 42.5119, 35.9242, 30.6800 by changing the saturation by 10% instead.


 42.5119, 35.9242,
30.6800


 42.5119, 35.9242,
30.6800


347.5562,
328.6291, 319.3668

 29.6952, 24.3757,
20.0989


 78.2341, 68.9151,
61.8096

 19.7543, 15.6125,
12.2822


 101.8703, 91.1262,
83.1951

 12.3238, 9.2504,
6.8113

 129.8437,
117.6602, 109.0192

 7.0383, 4.9049,
3.2677

162.5197,
148.9017, 139.7004

 3.5326, 2.1915,
1.2329

200.2635,
185.2349, 175.6572

 1.4413, 0.7154,
0.0058

243.4407,

 0.2854, 0.0000,

227.0443, 217.3081

0.0000

292.4165,
274.7142, 265.0718

■ 0.0000, 0.0000,
0.0000

■ 42.5119, 35.9242,
30.6800

■ 42.5119, 35.9242,
30.6800

■ 38.1311, 29.5141,
21.9701

■ 47.8166, 43.6868,
41.2243

■ 34.6187, 24.3745,
14.9878

■ 54.0907, 52.8676,
53.6971

■ 31.9179, 20.4223,
9.6188

■ 61.3803, 63.5343,
68.1886

■ 29.9637, 17.5626,
5.7342

■ 69.7275, 75.7486,
84.7829

■ 28.6813, 15.6860,
3.1852

■ 79.1722, 89.5687,
103.5590

■ 27.9804, 14.6603,
1.7922

■ 81.5416, 93.0361,
108.2678

■ 27.7317, 14.2964,
1.2979

Harmonies

Analogous

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



43.1554, 35.9242, 42.4175



42.5119, 35.9242, 30.6800



39.5363, 35.9242, 23.0106

Triad

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



42.5119, 35.9242, 30.6800



27.9245, 35.9242, 26.1857



33.0351, 35.9242, 68.0966

Complementary

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



42.5119, 35.9242, 30.6800



47.5109, 58.7856, 72.4610

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.



29.2673, 35.9242, 61.3867



42.5119, 35.9242, 30.6800



26.4849, 35.9242, 35.9892

Square

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



42.5119, 35.9242, 30.6800



31.0562, 35.9242, 20.8275



26.9547, 35.9242, 48.9704



37.4319, 35.9242, 65.8292

Rectangle

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



42.5119, 35.9242, 30.6800



36.7580, 35.9242, 20.3940



26.9547, 35.9242, 48.9704



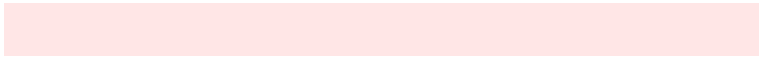
31.6586, 35.9242, 66.7741

Sweetspot

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



42.5129, 35.9259, 30.6807



83.6111, 83.2618, 86.1596



49.6918, 38.7964, 68.4878



17.5792, 17.3576, 17.8115



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.



42.5129, 35.9259, 30.6807



58.3821, 46.3445, 36.0053



48.7097, 48.3197, 32.7463



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



47.5109, 58.7856, 72.4610



66.9448, 85.5081, 107.5841



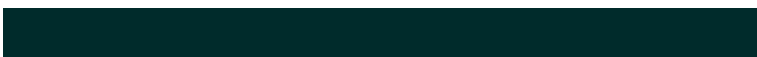
39.4856, 42.7351, 69.7859



12.7922, 14.1078, 15.9864



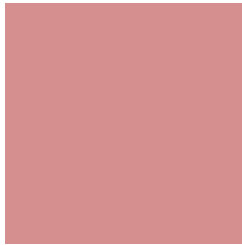
21.8689, 31.9996, 43.4771



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 42.5119, 35.9242, 30.6800 looks on a white background.

Color Contrast Check

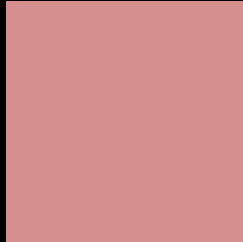
Large Text (above 18pt) WCAG AA × Fail

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 42.5119, 35.9242, 30.6800 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 42.5119, 35.9242, 30.6800

Background



This preview shows how black text looks on a background with the XYZ color 42.5119, 35.9242, 30.6800.



This preview shows how white text looks on a background with the XYZ color 42.5119, 35.9242,

30.6800.

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

42.5119, 35.9242, 30.6800

Protanopia

34.4310, 36.0051, 35.2720

Deuteranopia

36.7038, 36.0143, 30.2163



Tritanopia

43.3648, 36.0601, 34.3805

Trichromacy



Original Color

42.5119, 35.9242, 30.6800

Protanomaly

36.7476, 35.4715, 33.3436

Deuteranomaly

38.7140, 35.8220, 30.4651

Tritanomaly

43.1221, 35.9630, 33.1025

Monochromacy



Original Color

42.5119, 35.9242, 30.6800

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1806, 36.1223, 36.4652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5119, 35.9242, 30.6800 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(214, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 143)  
}
```

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(214, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 42.5119, 35.9242, 30.6800 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(214, 143, 143) }
```


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

```
.border{ border-color:rgb(214, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5119, 35.9242, 30.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 143) }
```

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

```
.background{ background-color: rgb(214,  
143, 143) }
```

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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