

Converting Colors

XYZ(45.1407, 38.6984, 35.2768)

Have a look what the booklet for
XYZ(45.1407, 38.6984, 35.2768)
contains.

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Color

**XYZ(45.2714, 38.8643,
35.2525)**

Conversions

Conversions Part 1

Format	Color
Hex	D99699
RGB	217, 150, 153
RGB Percent	85%, 59%, 60%
CMY	0.1490, 0.4117, 0.4000
CMYK	0.00, 0.31, 0.29, 0.15
HSL	357°, 47%, 72%
HSV	357°, 31%, 85%
XYZ	45.2714, 38.8643, 35.2525
YIQ	170.3750, 38.9690, 15.1370

Conversions

Conversions Part 2

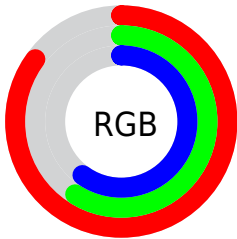
Format	Color
R_{YB}	217, 150, 153
Decimal	14259865
CIE Lab	68.65, 25.60, 8.62
CIE LCh	69, 27.009, 18.613
Yxy	38.8643, 0.3792, 0.3255
Android (android.graphics.Color)	4292449945 (0xFFD99699)
YUV	170.3750, -8.5659, 40.8901
Hunter-Lab	62.3412, 20.5272, 10.1118

Details

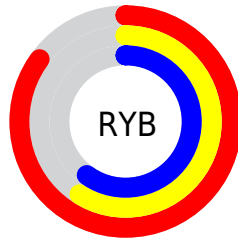
The XYZ color **45.2714, 38.8643, 35.2525** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5298, 60.9657, 72.7785**, and the grayscale version is **38.4243, 40.4254, 44.0232**.

A 20% lighter version of the original color is **74.3338, 69.4276, 68.5145**, and **21.4639, 17.2717, 14.7729** is the 20% darker color. If you saturate the color by 10%, you get **40.5579, 31.9433, 25.9553**, and if you desaturate by 10%, it is **50.9257, 47.1903, 46.3315**.

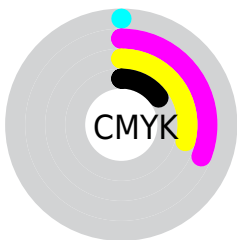
Distribution



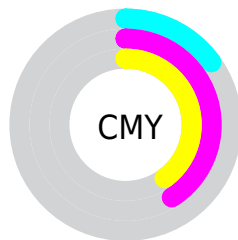
- Red (85%)
- Green (59%)
- Blue (60%)



- Red (85%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2714, 38.8643, 35.2525 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 45.2714, 38.8643, 35.2525 by changing the saturation by 10% instead.


 45.2714, 38.8643,
35.2525


 45.2714, 38.8643,
35.2525


358.6369,
341.3132, 340.6195

 31.8734, 26.6542,
23.5723


 82.3621, 73.4310,
69.0327

 21.4199, 17.3137,
14.8074


 106.7855, 96.5563,
91.9699

 13.5455, 10.4584,
8.5392


135.6148,
124.0888, 119.4965

 7.8848, 5.7039,
4.3492

169.2154,
156.4130, 152.0310

 4.0725, 2.6659,
1.8188

207.9525,
193.9131, 189.9921

 1.7432, 0.9599,
0.4403

252.1915,

 0.4831, 0.0000,

236.9735, 233.7981

0.0000

302.2979,
285.9788, 283.8678

0.0000, 0.0000,
0.0000

45.2714, 38.8643,
35.2525

45.2714, 38.8643,
35.2525

40.5579, 31.9433,
25.9553

50.9257, 47.1903,
46.3315

36.7312, 26.3447,
18.3449

57.5645, 56.9870,
59.2762

33.7366, 21.9860,
12.3206

65.2329, 68.3225,
74.1677

31.5124, 18.7728,
7.7706

73.9720, 81.2591,
91.0818

29.9877, 16.5976,
4.5680

82.4254, 93.4918,
108.3092

■ 29.0792, 15.3321,
2.5648

■ 28.6685, 14.7730,
1.6191

Harmonies

Analogous

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



45.5785, 38.8643, 47.1265



45.2714, 38.8643, 35.2525



42.6324, 38.8643, 27.0248

Triad

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



45.2714, 38.8643, 35.2525



31.1204, 38.8643, 28.6074



35.3433, 38.8643, 69.7776

Complementary

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



45.2714, 38.8643, 35.2525



49.5298, 60.9657, 72.7785

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.



31.7771, 38.8643, 62.5027



45.2714, 38.8643, 35.2525



29.4672, 38.8643, 37.8457

Square

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



45.2714, 38.8643, 35.2525



34.3825, 38.8643, 23.7289



29.6980, 38.8643, 50.2665



39.6199, 38.8643, 68.7135

Rectangle

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



45.2714, 38.8643, 35.2525



40.0122, 38.8643, 23.9944



29.6980, 38.8643, 50.2665



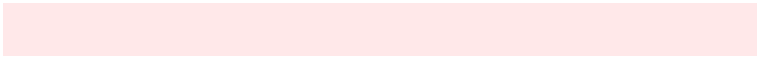
34.0280, 38.8643, 68.1775

Sweetspot

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



45.2724, 38.8661, 35.2533



84.8296, 84.8889, 89.0621



51.0613, 41.0678, 70.8815



17.8284, 17.6843, 18.4238



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.



45.2724, 38.8661, 35.2533



60.7034, 49.3394, 41.8588



50.4730, 49.6583, 35.7813



13.0795, 13.0609, 13.6800



17.3647, 8.9469, 1.0344



1.1335, 0.5830, 0.1117

Inverse Universe

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



45.2724, 38.8661, 35.2533



60.7034, 49.3394, 41.8588



42.8422, 46.9725, 72.4544



13.0795, 13.0609, 13.6800



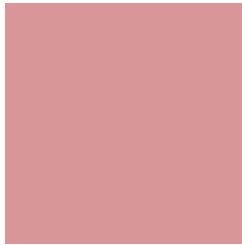
17.3647, 8.9469, 1.0344



1.1335, 0.5830, 0.1117

Previews

White Background



This preview shows how the XYZ color 45.2714, 38.8643, 35.2525 looks on a white background.

Color Contrast Check

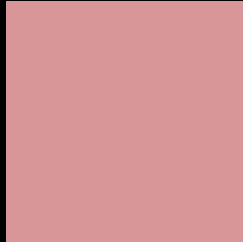
Large Text (above 18pt) WCAG AA × Fail

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 45.2714, 38.8643, 35.2525 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 45.2714, 38.8643, 35.2525

Background



This preview shows how black text looks on a background with the XYZ color 45.2714, 38.8643, 35.2525.



This preview shows how white text looks on a background with the XYZ color 45.2714, 38.8643,

35.2525.

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

45.2714, 38.8643, 35.2525

Protanopia

37.3536, 39.0167, 39.7447

Deuteranopia

39.7414, 39.0222, 34.7156



Tritanopia

46.0061, 38.9384, 38.3488

Trichromacy



Original Color

45.2714, 38.8643, 35.2525

Protanomaly

39.7419, 38.6843, 38.1731

Deuteranomaly

41.7138, 39.0001, 35.0350

Tritanomaly

45.7467, 38.8346, 36.9830

Monochromacy



Original Color

45.2714, 38.8643, 35.2525

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.2915, 39.4395, 40.6110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2714, 38.8643, 35.2525 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(217, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 150, 153)  
}
```

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(217, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 150, 153) }
```

Border

The CSS property to change the border of an element to XYZ 45.2714, 38.8643, 35.2525 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(217, 150, 153) }
```


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

```
.border{ border-color:rgb(217, 150, 153) }
```

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

Here you see how a box with a 4 pixel rgb(217, 150, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 150,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2714, 38.8643, 35.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 150, 153) }
```

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

```
.background{ background-color: rgb(217,  
150, 153) }
```

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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