

Converting Colors

XYZ(50.5027, 45.8473, 38.7112)

Have a look what the booklet for
XYZ(50.5027, 45.8473, 38.7112)
contains.

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Color

**XYZ(50.4217, 45.7940,
38.5294)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA79E
RGB	223, 167, 158
RGB Percent	87%, 65%, 62%
CMY	0.1255, 0.3451, 0.3804
CMYK	0.00, 0.25, 0.29, 0.13
HSL	8°, 50%, 75%
HSV	8°, 29%, 87%
XYZ	50.4217, 45.7940, 38.5294
YIQ	182.7180, 36.2650, 9.0730

Conversions

Conversions Part 2

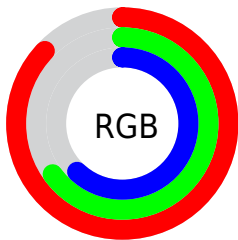
Format	Color
R _Y B	223, 168, 158
Decimal	14657438
CIE Lab	73.41, 19.36, 12.70
CIE LCh	73, 23.155, 33.251
Yxy	45.7940, 0.3742, 0.3399
Android (android.graphics.Color)	4292847518 (0xFFDFA79E)
YUV	182.7180, -12.1860, 35.3273
Hunter-Lab	67.6713, 14.5752, 13.6125

Details

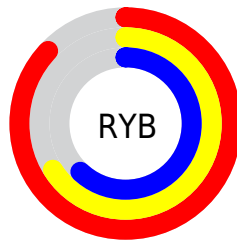
The XYZ color **50.4217, 45.7940, 38.5294** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4657, 60.6881, 78.8137**, and the grayscale version is **44.9070, 47.2456, 51.4505**.

A 20% lighter version of the original color is **79.3715, 78.3066, 73.8822**, and **24.7209, 21.5385, 16.7643** is the 20% darker color. If you saturate the color by 10%, you get **45.4120, 38.5726, 28.2332**, and if you desaturate by 10%, it is **56.3050, 54.2047, 50.8361**.

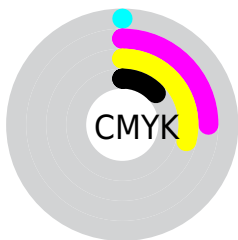
Distribution



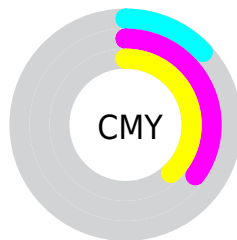
- Red (87%)
- Green (65%)
- Blue (62%)



- Red (87%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4217, 45.7940, 38.5294 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 50.4217, 45.7940, 38.5294 by changing the saturation by 10% instead.


 50.4217, 45.7940,
38.5294


 50.4217, 45.7940,
38.5294


378.7375,
369.9798, 355.2516

 35.9678, 32.0833,
26.0888

 89.9875, 83.9106,
74.1312

 24.5793, 21.4251,
16.6637


 115.8300,
109.0853, 98.1296

 15.8909, 13.4351,
9.8356


146.1994,
138.8501, 126.8176

 9.5374, 7.7288,
5.1859

181.4611,
173.5895, 160.6138

 5.1532, 3.9219,
2.2961

221.9804,
213.6877, 199.9368

 2.3731, 1.6300,
0.7290

268.1227,

 0.8317, 0.3777,

259.5293, 245.2050

0.0000

320.2533,
311.4985, 296.8371

0.0000, 0.0000,
0.0000

50.4217, 45.7940,
38.5294

50.4217, 45.7940,
38.5294

45.4120, 38.5726,
28.2332

56.3050, 54.2047,
50.8361

41.2303, 32.4804,
19.8378

63.0972, 63.8482,
65.2495

37.8327, 27.4621,
13.2272

70.8362, 74.7738,
81.8630

35.1694, 23.4549,
8.2716

79.5564, 87.0264,
100.7635

33.1847, 20.3895,
4.8234

84.2415, 94.4280,
108.3942

■ 31.8149, 18.1877,
2.7089

■ 30.9728, 16.7540,
1.6560

■ 30.9187, 16.6624,
1.5866

Harmonies

Analogous

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



51.8375, 45.7940, 48.5987



50.4217, 45.7940, 38.5294



47.1532, 45.7940, 32.3692

Triad

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



50.4217, 45.7940, 38.5294



36.8894, 45.7940, 40.4176



43.9722, 45.7940, 75.8256

Complementary

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



50.4217, 45.7940, 38.5294



51.4657, 60.6881, 78.8137

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.



40.0894, 45.7940, 72.7367



50.4217, 45.7940, 38.5294



36.1537, 45.7940, 51.1468

Square

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



50.4217, 45.7940, 38.5294



39.3645, 45.7940, 33.3338



37.2892, 45.7940, 63.2235



47.9706, 45.7940, 71.1102

Rectangle

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



50.4217, 45.7940, 38.5294



44.4544, 45.7940, 30.7123



37.2892, 45.7940, 63.2235



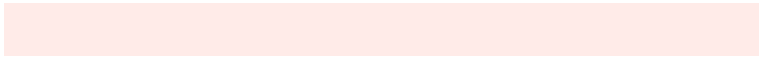
42.6103, 45.7940, 75.6676

Sweetspot

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



50.4229, 45.7961, 38.5303



85.5866, 86.6370, 88.5929



54.8389, 45.0143, 69.6404



18.0130, 18.1105, 18.3096



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.



50.4229, 45.7961, 38.5303



64.0430, 55.8900, 43.3687



57.0651, 59.0806, 40.7444



13.8596, 14.0052, 14.2796



18.2276, 9.8931, 0.9489



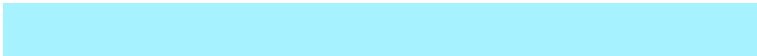
1.3131, 0.7851, 0.0823

Inverse Universe

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



51.4657, 60.6881, 78.8137



65.6654, 79.1838, 106.4308



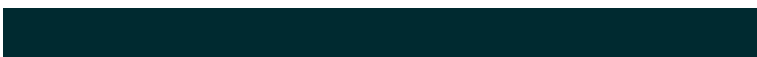
44.1142, 45.9850, 76.3632



13.9462, 15.2316, 17.5926



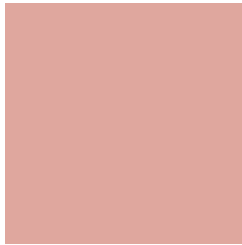
18.9911, 25.4517, 44.9601



1.3616, 1.8546, 3.1314

Previews

White Background



This preview shows how the XYZ color 50.4217, 45.7940, 38.5294 looks on a white background.

Color Contrast Check

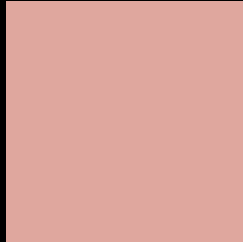
Large Text (above 18pt) WCAG AA × Fail

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 50.4217, 45.7940, 38.5294 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 50.4217, 45.7940, 38.5294

Background



This preview shows how black text looks on a background with the XYZ color 50.4217, 45.7940, 38.5294.



This preview shows how white text looks on a background with the XYZ color 50.4217, 45.7940,

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

50.4217, 45.7940, 38.5294

Protanopia

43.8518, 46.0505, 42.1747

Deuteranopia

46.9540, 45.9718, 38.2970



Tritanopia

52.2626, 45.7328, 47.6677

Trichromacy



Original Color

50.4217, 45.7940, 38.5294

Protanomaly

45.9390, 45.6861, 40.5795

Deuteranomaly

48.0893, 45.7063, 38.1859

Tritanomaly

51.4513, 45.6598, 44.1317

Monochromacy



Original Color

50.4217, 45.7940, 38.5294

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.6508, 46.5060, 46.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4217, 45.7940, 38.5294 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(223, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(223, 167, 158)  
}
```

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(223, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 167, 158) }
```

Border

The CSS property to change the border of an element to XYZ 50.4217, 45.7940, 38.5294 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(223, 167, 158) }
```


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

```
.border{ border-color:rgb(223, 167, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 167, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 167, 158); box-shadow:4px 4px 4px 4px rgb(223, 167, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4217, 45.7940, 38.5294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 167, 158) }
```

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

```
.background{ background-color: rgb(223,  
167, 158) }
```

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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