

Converting Colors

XYZ(50.4228, 45.1914, 35.8575)

Have a look what the booklet for
XYZ(50.4228, 45.1914, 35.8575)
contains.

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Color

**XYZ(50.4867, 45.3460,
35.7975)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A598
RGB	226, 165, 152
RGB Percent	89%, 65%, 60%
CMY	0.1137, 0.3529, 0.4039
CMYK	0.00, 0.27, 0.33, 0.11
HSL	11°, 56%, 74%
HSV	11°, 33%, 89%
XYZ	50.4867, 45.3460, 35.7975
YIQ	181.7570, 40.5290, 8.8890

Conversions

Conversions Part 2

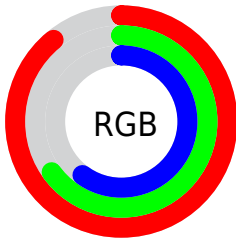
Format	Color
R _Y B	226, 168, 152
Decimal	14853528
CIE Lab	73.12, 20.80, 15.62
CIE LCh	73, 26.009, 36.902
Yxy	45.3460, 0.3835, 0.3445
Android (android.graphics.Color)	4293043608 (0xFFE2A598)
YUV	181.7570, -14.6702, 38.8011
Hunter-Lab	67.3394, 15.9836, 15.6192

Details

The XYZ color **50.4867, 45.3460, 35.7975** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4699, 59.7530, 80.8252**, and the grayscale version is **44.3941, 46.7060, 50.8628**.

A 20% lighter version of the original color is **77.9738, 76.9026, 69.1266**, and **24.6163, 21.1849, 15.1036** is the 20% darker color. If you saturate the color by 10%, you get **45.6905, 38.4388, 25.9203**, and if you desaturate by 10%, it is **56.1275, 53.3774, 47.6971**.

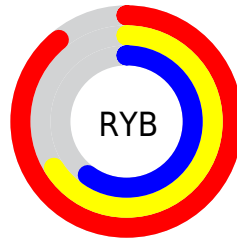
Distribution



Red (89%)

Green (65%)

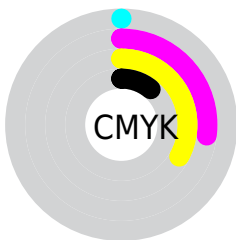
Blue (60%)



Red (89%)

Yellow (66%)

Blue (60%)

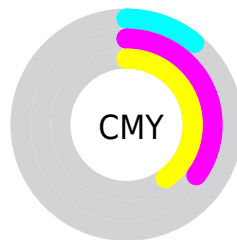


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4867, 45.3460, 35.7975 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 50.4867, 45.3460, 35.7975 by changing the saturation by 10% instead.


 50.4867, 45.3460,
35.7975

 50.4867, 45.3460,
35.7975


378.9868,
368.1731, 343.0852

 36.0196, 31.7300,
23.9894


 90.0831, 83.2394,
69.8849

 24.6196, 21.1554,
15.1136


 115.9431,
108.2856, 93.0013

 15.9211, 13.2376,
8.7517


146.3316,
137.9107, 120.7242

 9.5588, 7.5924,
4.4850

181.6137,
172.4990, 153.4721

 5.1674, 3.8353,
1.8950

222.1550,
212.4351, 191.6637

 2.3816, 1.5818,
0.4895

268.3207,

 0.8359, 0.3453,

258.1031, 235.7173

0.0000

320.4762,
309.8877, 286.0517

■ 0.0000, 0.0000,
0.0000

■ 50.4867, 45.3460,
35.7975

■ 50.4867, 45.3460,
35.7975

■ 45.6905, 38.4388,
25.9203

■ 56.1275, 53.3774,
47.6971

■ 41.6940, 32.5991,
17.9499

■ 62.6474, 62.5736,
61.7204

■ 38.4538, 27.7751,
11.7633

■ 70.0837, 72.9809,
77.9653

■ 35.9205, 23.9079,
7.2217

■ 78.4703, 84.6412,
96.5225

■ 34.0389, 20.9324,
4.1659

■ 85.1741, 94.9088,
108.4378

■ 32.7445, 18.7751,
2.4042

■ 32.1134, 17.6673,
1.7176

Harmonies

Analogous

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



52.3885, 45.3460, 46.4219



50.4867, 45.3460, 35.7975



46.6265, 45.3460, 29.7158

Triad

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



50.4867, 45.3460, 35.7975



35.5383, 45.3460, 40.1767



44.1607, 45.3460, 78.6822

Complementary

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



50.4867, 45.3460, 35.7975



50.4699, 59.7530, 80.8252

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.



39.7559, 45.3460, 76.2142



50.4867, 45.3460, 35.7975



34.9799, 45.3460, 52.4488

Square

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



50.4867, 45.3460, 35.7975



38.0541, 45.3460, 31.9158



36.4714, 45.3460, 66.0110



48.5734, 45.3460, 72.2602

Rectangle

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



50.4867, 45.3460, 35.7975



43.5749, 45.3460, 28.3312



36.4714, 45.3460, 66.0110



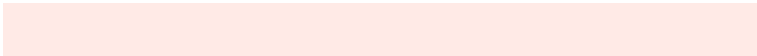
42.6286, 45.3460, 78.8803

Sweetspot

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



50.4879, 45.3481, 35.7984



84.8703, 85.7801, 86.5794



54.6877, 43.4638, 68.9027



17.8809, 17.9609, 17.9121



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.



50.4879, 45.3481, 35.7984



62.1514, 53.5426, 38.3121



57.9963, 60.3650, 38.3012



13.9010, 14.0880, 14.2934



18.3811, 10.2001, 1.0000



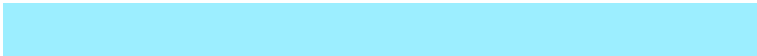
1.3327, 0.8242, 0.0888

Inverse Universe

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



50.4699, 59.7530, 80.8252



62.1092, 75.1148, 105.8328



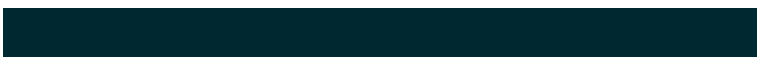
42.3332, 43.4797, 78.1130



13.9010, 15.1410, 17.5775



17.9614, 23.3923, 44.6169



1.2995, 1.7304, 3.1108

Previews

White Background



This preview shows how the XYZ color 50.4867, 45.3460, 35.7975 looks on a white background.

Color Contrast Check

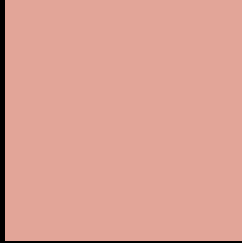
Large Text (above 18pt) WCAG AA × Fail

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 50.4867, 45.3460, 35.7975 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 50.4867, 45.3460, 35.7975

Background



This preview shows how black text looks on a background with the XYZ color 50.4867, 45.3460, 35.7975.



This preview shows how white text looks on a background with the XYZ color 50.4867, 45.3460,

35.7975.

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

50.4867, 45.3460, 35.7975

Protanopia

43.1171, 45.4348, 39.2982

Deuteranopia

46.5419, 45.5314, 35.6136



Tritanopia

52.5552, 45.3906, 46.0357

Trichromacy



Original Color

50.4867, 45.3460, 35.7975

Protanomaly

45.4939, 45.2290, 37.7848

Deuteranomaly

47.9850, 45.4309, 35.5181

Tritanomaly

51.6587, 45.2785, 42.0933

Monochromacy



Original Color

50.4867, 45.3460, 35.7975

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1647, 45.9967, 44.9732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4867, 45.3460, 35.7975 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(226, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(226, 165, 152)  
}
```

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(226, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 165, 152) }
```

Border

The CSS property to change the border of an element to XYZ 50.4867, 45.3460, 35.7975 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(226, 165, 152) }
```


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

```
.border{ border-color:rgb(226, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(226, 165,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4867, 45.3460, 35.7975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 165, 152) }
```

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

```
.background{ background-color: rgb(226,  
165, 152) }
```

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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