

Converting Colors

XYZ(50.6008, 45.1644, 34.3438)

Have a look what the booklet for
XYZ(50.6008, 45.1644, 34.3438)
contains.

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Color

**XYZ(50.6952, 45.2148,
34.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A495
RGB	228, 164, 149
RGB Percent	89%, 64%, 58%
CMY	0.1059, 0.3568, 0.4157
CMYK	0.00, 0.28, 0.35, 0.11
HSL	11°, 59%, 74%
HSV	11°, 35%, 89%
XYZ	50.6952, 45.2148, 34.4892
YIQ	181.4260, 42.9590, 8.9030

Conversions

Conversions Part 2

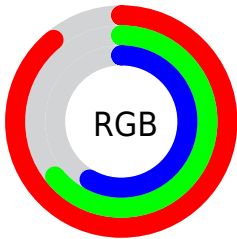
Format	Color
R _Y B	228, 168, 149
Decimal	14984341
CIE Lab	73.03, 21.73, 17.17
CIE LCh	73, 27.692, 38.321
Yxy	45.2148, 0.3888, 0.3467
Android (android.graphics.Color)	4293174421 (0xFFE4A495)
YUV	181.4260, -15.9860, 40.8454
Hunter-Lab	67.2420, 16.9017, 16.6588

Details

The XYZ color **50.6952, 45.2148, 34.4892** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1915, 59.5775, 82.2532**, and the grayscale version is **44.2202, 46.5231, 50.6637**.

A 20% lighter version of the original color is **77.3510, 76.2348, 67.1379**, and **24.7934, 21.1281, 14.3267** is the 20% darker color. If you saturate the color by 10%, you get **45.9814, 38.4206, 24.7993**, and if you desaturate by 10%, it is **56.2478, 53.1159, 46.2176**.

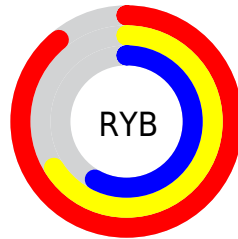
Distribution



Red (89%)

Green (64%)

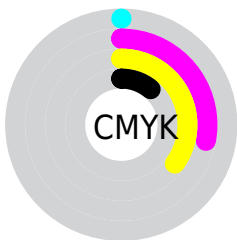
Blue (58%)



Red (89%)

Yellow (66%)

Blue (58%)

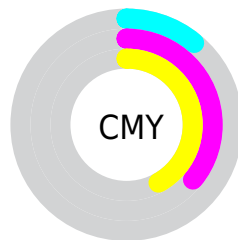


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6952, 45.2148, 34.4892 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 50.6952, 45.2148, 34.4892 by changing the saturation by 10% instead.


 50.6952, 45.2148,
34.4892


 50.6952, 45.2148,
34.4892


379.7856,
367.6428, 337.1434

 36.1861, 31.6266,
22.9893


 90.3897, 83.0426,
67.8363

 24.7488, 21.0765,
14.3804


 116.3059,
108.0511, 90.5205

 16.0177, 13.1799,
8.2439


146.7552,
137.6352, 117.7699

 9.6276, 7.5526,
4.1614

182.1030,
172.1792, 150.0030

 5.2131, 3.8100,
1.7143

222.7145,
212.0676, 187.6384

 2.4089, 1.5679,
0.3705

268.9553,

 0.8495, 0.3358,

257.6847, 231.0945

0.0000

321.1905,
309.4150, 280.7900

0.0000, 0.0000,
0.0000

50.6952, 45.2148,
34.4892

50.6952, 45.2148,
34.4892

45.9814, 38.4206,
24.7993

56.2478, 53.1159,
46.2176

42.0613, 32.6773,
17.0283

62.6741, 62.1637,
60.0893

38.8910, 27.9336,
11.0484

70.0114, 72.4043,
76.2052

36.4206, 24.1313,
6.7148

78.2939, 83.8788,
94.6588

34.5937, 21.2060,
3.8601

85.8050, 95.2340,
108.4673

■ 33.3443, 19.0845,
2.2805

■ 32.8700, 18.2440,
1.7890

Harmonies

Analogous

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



52.8536, 45.2148, 45.4750



50.6952, 45.2148, 34.4892



46.5044, 45.2148, 28.3905

Triad

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



50.6952, 45.2148, 34.4892



34.8968, 45.2148, 40.0302



44.3358, 45.2148, 80.5807

Complementary

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



50.6952, 45.2148, 34.4892



50.1915, 59.5775, 82.2532

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.



39.6295, 45.2148, 78.3734



50.6952, 45.2148, 34.4892



34.4116, 45.2148, 53.1888

Square

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



50.6952, 45.2148, 34.4892



37.4609, 45.2148, 31.1467



36.0818, 45.2148, 67.6694



49.0060, 45.2148, 73.2328

Rectangle

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



50.6952, 45.2148, 34.4892



43.2484, 45.2148, 27.1124



36.0818, 45.2148, 67.6694



42.7034, 45.2148, 80.9550

Sweetspot

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



50.6964, 45.2170, 34.4901



84.9734, 85.9864, 86.6138



54.8186, 42.8197, 68.6712



17.9057, 18.0105, 17.9203



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.



50.6964, 45.2170, 34.4901



60.6247, 51.4895, 34.7187



58.7720, 61.3682, 37.1820



14.5974, 14.8087, 14.9935



19.0443, 10.6627, 1.0544



1.4704, 0.9141, 0.0989

Inverse Universe

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



50.1915, 59.5775, 82.2532



59.8553, 72.7278, 105.4909



41.5378, 42.2701, 79.3686



14.5626, 15.8466, 18.4355



18.1501, 23.3624, 45.9360



1.4014, 1.8467, 3.4145

Previews

White Background



This preview shows how the XYZ color 50.6952, 45.2148, 34.4892 looks on a white background.

Color Contrast Check

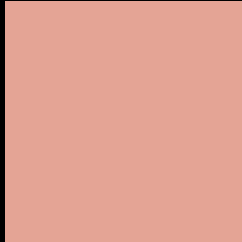
Large Text (above 18pt) WCAG AA × Fail

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 50.6952, 45.2148, 34.4892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

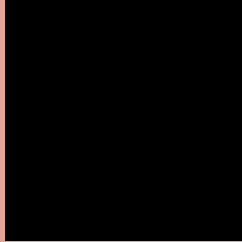
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6952, 45.2148, 34.4892

Background



This preview shows how black text looks on a background with the XYZ color 50.6952, 45.2148, 34.4892.



This preview shows how white text looks on a background with the XYZ color 50.6952, 45.2148,

34.4892.

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

50.6952, 45.2148, 34.4892

Protanopia

42.8599, 45.3319, 37.9435

Deuteranopia

46.2225, 45.4036, 33.9314



Tritanopia

52.9208, 45.3299, 45.4955

Trichromacy



Original Color

50.6952, 45.2148, 34.4892

Protanomaly

45.5144, 45.2685, 36.4758

Deuteranomaly

47.7444, 45.3346, 34.2510

Tritanomaly

51.9343, 45.1790, 41.1051

Monochromacy



Original Color

50.6952, 45.2148, 34.4892

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.7801, 45.5303, 43.9115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6952, 45.2148, 34.4892 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(228, 164, 149)` looks like.

```
.text, #text, p{  
    color:rgb(228, 164, 149)  
}
```

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(228, 164, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 164, 149) }
```

Border

The CSS property to change the border of an element to XYZ 50.6952, 45.2148, 34.4892 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(228, 164, 149) }
```


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

```
.border{ border-color:rgb(228, 164, 149) }
```

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

Here you see how a box with a 4 pixel rgb(228, 164, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 164, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 164, 149);  
box-shadow:4px 4px 4px 4px rgb(228, 164,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6952, 45.2148, 34.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 164, 149) }
```

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

```
.background{ background-color: rgb(228,  
164, 149) }
```

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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