

Converting Colors

XYZ(51.1025, 45.3606, 42.8295)

Have a look what the booklet for
XYZ(51.1025, 45.3606, 42.8295)
contains.

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Color

**XYZ(50.9910, 45.1882,
42.5939)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A4A7
RGB	224, 164, 167
RGB Percent	88%, 64%, 65%
CMY	0.1216, 0.3568, 0.3451
CMYK	0.00, 0.27, 0.25, 0.12
HSL	357°, 49%, 76%
HSV	357°, 27%, 88%
XYZ	50.9910, 45.1882, 42.5939
YIQ	182.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

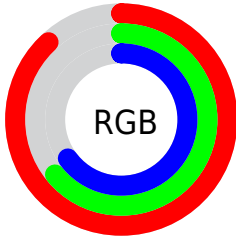
Format	Color
RYB	224, 164, 167
Decimal	14722215
CIELab	73.02, 22.59, 7.20
CIElCh	73, 23.709, 17.689
Yxy	45.1882, 0.3674, 0.3256
Android (android.graphics.Color)	4292912295 (0xFFE0A4A7)
YUV	182.2820, -7.5340, 36.5867
Hunter-Lab	67.2222, 17.7614, 9.4877

Details

The XYZ color **50.9910, 45.1882, 42.5939** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0185, 66.4254, 78.3315**, and the grayscale version is **44.6446, 46.9696, 51.1499**.

A 20% lighter version of the original color is **79.7563, 77.1970, 79.8041**, and **25.0371, 21.1510, 18.9826** is the 20% darker color. If you saturate the color by 10%, you get **45.5215, 37.1428, 31.8500**, and if you desaturate by 10%, it is **57.4927, 54.7793, 55.2802**.

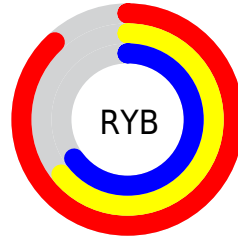
Distribution



Red (88%)

Green (64%)

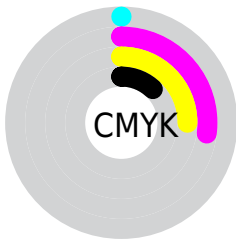
Blue (65%)



Red (88%)

Yellow (64%)

Blue (65%)

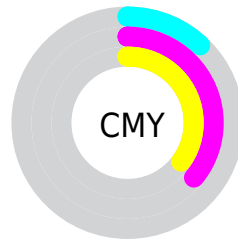


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9910, 45.1882, 42.5939 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 50.9910, 45.1882, 42.5939 by changing the saturation by 10% instead.

 50.9910, 45.1882,
42.5939


 50.9910, 45.1882,
42.5939


380.9171,
367.5352, 372.8110

 36.4225, 31.6057,
29.2376


 90.8245, 83.0028,
80.3775

 24.9323, 21.0605,
19.0135


 116.8202,
108.0036, 105.6418

 16.1551, 13.1682,
11.5031


147.3557,
137.5793, 135.7125

 9.7255, 7.5445,
6.2879

182.7963,
172.1143, 171.0081

 5.2782, 3.8049,
2.9493

223.5074,
211.9930, 211.9473

 2.4478, 1.5650,
1.0688

269.8543,

 0.8690, 0.3339,

257.5998, 258.9484

0.0000

322.2024,
309.3191, 312.4302

0.0000, 0.0000,
0.0000

50.9910, 45.1882,
42.5939

50.9910, 45.1882,
42.5939

45.5215, 37.1428,
31.8500

57.4927, 54.7793,
55.2802

41.0278, 30.5563,
22.9499

65.0720, 65.9844,
69.9951

37.4534, 25.3432,
15.7909

73.7762, 78.8752,
86.8232

34.7348, 21.4065,
10.2589

83.6483, 93.5173,
105.8432

32.8002, 18.6364,
6.2261

84.5506, 94.5874,
108.4086

■ 31.5664, 16.9046,
3.5459

■ 30.9283, 16.0476,
2.0410

■ 30.8021, 15.8720,
1.7624

Harmonies

Analogous

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



51.2081, 45.1882, 54.2263



50.9910, 45.1882, 42.5939



48.5358, 45.1882, 34.1927

Triad

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



50.9910, 45.1882, 42.5939



37.3271, 45.1882, 35.3933



41.2746, 45.1882, 75.0123

Complementary

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



50.9910, 45.1882, 42.5939



55.0185, 66.4254, 78.3315

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.



37.8102, 45.1882, 68.0646



50.9910, 45.1882, 42.5939



35.6312, 45.1882, 44.4986

Square

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



50.9910, 45.1882, 42.5939



40.5759, 45.1882, 30.5182



35.8022, 45.1882, 56.4611



45.4150, 45.1882, 74.2812

Rectangle

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



50.9910, 45.1882, 42.5939



46.0442, 45.1882, 30.9780



35.8022, 45.1882, 56.4611



39.9977, 45.1882, 73.4564

Sweetspot

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



50.9922, 45.1903, 42.5948



85.9189, 86.4818, 91.2309



56.5501, 47.3070, 76.6720



18.0461, 18.0018, 18.8601



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.



50.9922, 45.1903, 42.5948



64.2436, 54.4941, 48.9758



56.0735, 55.7909, 42.9379



13.7348, 13.7116, 14.3739



17.9413, 9.2435, 1.0909



1.2535, 0.6447, 0.1278

Inverse Universe

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



50.9922, 45.1903, 42.5948



64.2436, 54.4941, 48.9758



48.7325, 53.2087, 78.2232



13.7348, 13.7116, 14.3739



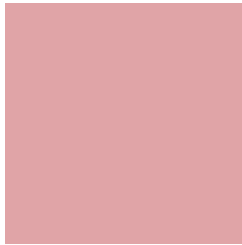
17.9413, 9.2435, 1.0909



1.2535, 0.6447, 0.1278

Previews

White Background



This preview shows how the XYZ color 50.9910, 45.1882, 42.5939 looks on a white background.

Color Contrast Check

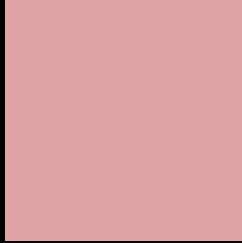
Large Text (above 18pt) WCAG AA × Fail

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 50.9910, 45.1882, 42.5939 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 50.9910, 45.1882, 42.5939

Background



This preview shows how black text looks on a background with the XYZ color 50.9910, 45.1882, 42.5939.



This preview shows how white text looks on a background with the XYZ color 50.9910, 45.1882,

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

50.9910, 45.1882, 42.5939

Protanopia

43.6251, 45.5257, 47.0455

Deuteranopia

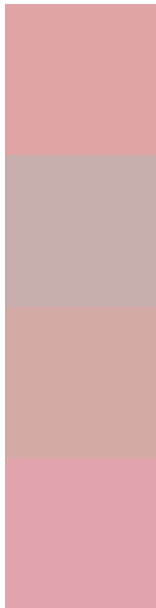
46.0922, 45.1603, 41.8848



Tritanopia

51.8864, 45.2971, 46.5659

Trichromacy



Original Color

50.9910, 45.1882, 42.5939

Protanomaly

46.1356, 45.3928, 45.3598

Deuteranomaly

47.8360, 45.2043, 42.2805

Tritanomaly

51.5949, 45.1805, 45.0311

Monochromacy



Original Color

50.9910, 45.1882, 42.5939

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.2917, 45.7046, 47.9770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9910, 45.1882, 42.5939 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(224, 164, 167) looks like.

```
.text, #text, p{  
    color:rgb(224, 164, 167)  
}
```

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(224, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 164, 167) }
```

Border

The CSS property to change the border of an element to XYZ 50.9910, 45.1882, 42.5939 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(224, 164, 167) }
```


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

```
.border{ border-color:rgb(224, 164, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 164, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 164, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 164, 167); box-shadow:4px 4px 4px 4px rgb(224, 164, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9910, 45.1882, 42.5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 164, 167) }
```

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

```
.background{ background-color: rgb(224,  
164, 167) }
```

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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