

Converting Colors

XYZ(52.6616, 45.1159, 49.1127)

Have a look what the booklet for
XYZ(52.6616, 45.1159, 49.1127)
contains.

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Color

**XYZ(52.6616, 45.1159,
49.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A1B4
RGB	227, 161, 180
RGB Percent	89%, 63%, 71%
CMY	0.1098, 0.3686, 0.2941
CMYK	0.00, 0.29, 0.21, 0.11
HSL	343°, 54%, 76%
HSV	343°, 29%, 89%
XYZ	52.6616, 45.1159, 49.1127
YIQ	182.9000, 33.2370, 19.9010

Conversions

Conversions Part 2

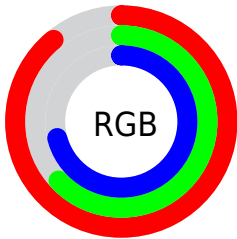
Format	Color
R _Y B	227, 161, 180
Decimal	14918068
CIE Lab	72.97, 27.18, 0.01
CIE LCh	73, 27.182, 0.024
Yxy	45.1159, 0.3585, 0.3071
Android (android.graphics.Color)	4293108148 (0xFFE3A1B4)
YUV	182.9000, -1.4297, 38.6757
Hunter-Lab	67.1684, 22.4036, 3.6657

Details

The XYZ color **52.6616, 45.1159, 49.1127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5540, 67.0704, 69.8010**, and the grayscale version is **44.9508, 47.2918, 51.5007**.

A 20% lighter version of the original color is **80.9362, 76.4279, 89.8431**, and **25.8770, 21.0156, 22.7712** is the 20% darker color. If you saturate the color by 10%, you get **47.4970, 37.2701, 39.7343**, and if you desaturate by 10%, it is **58.7410, 54.4829, 59.7447**.

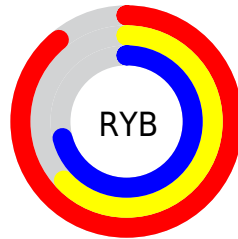
Distribution



Red (89%)

Green (63%)

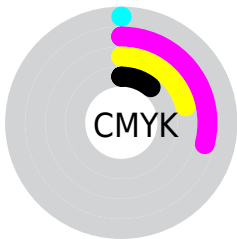
Blue (71%)



Red (89%)

Yellow (63%)

Blue (71%)

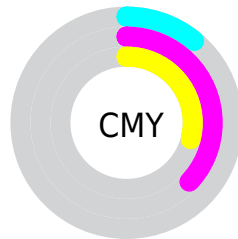


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6616, 45.1159, 49.1127 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 52.6616, 45.1159, 49.1127 by changing the saturation by 10% instead.


 52.6616, 45.1159,
49.1127


 52.6616, 45.1159,
49.1127


387.2676,
367.2428, 399.8210

 37.7591, 31.5487,
34.3427

 93.2747, 82.8943,
90.2415

 25.9721, 21.0170,
22.8775


 119.7160,
107.8743, 117.4374

 16.9354, 13.1365,
14.2986

150.7343,
137.4274, 149.6123

 10.2834, 7.5226,
8.1875

186.6948,
171.9380, 187.1848

 5.6510, 3.7910,
4.1257

227.9631,
211.7904, 230.5733

 2.6727, 1.5574,
1.6945

274.9044,

 0.9831, 0.3286,

257.3691, 280.1965

0.3570

327.8841,
309.0584, 336.4729

■ 0.0000, 0.0000,
0.0000

■ 52.6616, 45.1159,
49.1127

■ 52.6616, 45.1159,
49.1127

■ 47.4970, 37.2701,
39.7343

■ 58.7410, 54.4829,
59.7447

■ 43.1978, 30.8586,
31.5592

■ 65.7736, 65.4395,
71.6726

■ 39.7156, 25.7954,
24.5375

■ 73.8003, 78.0574,
84.9399

■ 36.9956, 21.9826,
18.6145

■ 82.8586, 92.4020,
99.5873

■ 34.9758, 19.3087,
13.7306

■ 85.4887, 95.0710,
108.4525

■ 33.5836, 17.6425,
9.8197

■ 32.7098, 16.7800,
6.7995

■ 32.6426, 16.7165,
6.5587

Harmonies

Analogous

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



51.2751, 45.1159, 63.3611



52.6616, 45.1159, 49.1127



51.2709, 45.1159, 37.1809

Triad

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



52.6616, 45.1159, 49.1127



38.4786, 45.1159, 29.8043



38.4847, 45.1159, 75.3956

Complementary

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



52.6616, 45.1159, 49.1127



53.5540, 67.0704, 69.8010

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.



35.4608, 45.1159, 63.3834



52.6616, 45.1159, 49.1127



35.4575, 45.1159, 37.1965

Square

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



52.6616, 45.1159, 49.1127



42.8775, 45.1159, 27.3628



34.3937, 45.1159, 49.1344



42.8851, 45.1159, 80.1399

Rectangle

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



52.6616, 45.1159, 49.1127



49.0106, 45.1159, 31.7058



34.3937, 45.1159, 49.1344



37.2856, 45.1159, 71.9765

Sweetspot

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



52.6629, 45.1180, 49.1136



85.6399, 85.2130, 93.3290



52.3996, 44.3323, 78.4686



18.0264, 17.7635, 19.4664



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.



52.6629, 45.1180, 49.1136



64.2832, 52.2226, 56.2358



53.2878, 49.2556, 40.4195



14.5467, 14.4359, 15.8135



19.0810, 9.7666, 4.0553



1.4492, 0.7374, 0.5060

Inverse Universe

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



52.6629, 45.1180, 49.1136



64.2832, 52.2226, 56.2358



52.5606, 61.1164, 81.6998



14.5467, 14.4359, 15.8135



19.0810, 9.7666, 4.0553



1.4492, 0.7374, 0.5060

Previews

White Background



This preview shows how the XYZ color 52.6616, 45.1159, 49.1127 looks on a white background.

Color Contrast Check

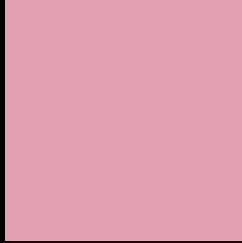
Large Text (above 18pt) WCAG AA × Fail

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 52.6616, 45.1159, 49.1127 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 52.6616, 45.1159, 49.1127

Background



This preview shows how black text looks on a background with the XYZ color 52.6616, 45.1159, 49.1127.



This preview shows how white text looks on a background with the XYZ color 52.6616, 45.1159,

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

52.6616, 45.1159, 49.1127

Protanopia

44.0370, 45.2618, 55.1306

Deuteranopia

46.1979, 45.3568, 48.4393



Tritanopia

51.9243, 45.0654, 46.0062

Trichromacy



Original Color

52.6616, 45.1159, 49.1127

Protanomaly

46.6414, 44.9205, 52.6666

Deuteranomaly

48.3371, 45.0405, 48.7939

Tritanomaly

52.1208, 45.1440, 47.0409

Monochromacy



Original Color

52.6616, 45.1159, 49.1127

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.3267, 46.1795, 50.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6616, 45.1159, 49.1127 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(227, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 161, 180)  
}
```

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(227, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 161, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.6616, 45.1159, 49.1127 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(227, 161, 180) }
```


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

```
.border{ border-color:rgb(227, 161, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 161, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 161, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 161,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6616, 45.1159, 49.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 161, 180) }
```

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

```
.background{ background-color: rgb(227,  
161, 180) }
```

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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