

Converting Colors

XYZ(52.4004, 45.8604, 45.1199)

Have a look what the booklet for
XYZ(52.4004, 45.8604, 45.1199)
contains.

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Color

**XYZ(52.4004, 45.8604,
45.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A4AC
RGB	227, 164, 172
RGB Percent	89%, 64%, 67%
CMY	0.1098, 0.3568, 0.3255
CMYK	0.00, 0.28, 0.24, 0.11
HSL	352°, 53%, 77%
HSV	352°, 28%, 89%
XYZ	52.4004, 45.8604, 45.1199
YIQ	183.7490, 34.9800, 15.8440

Conversions

Conversions Part 2

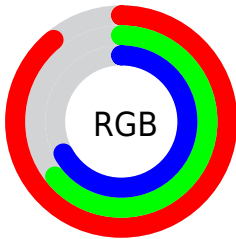
Format	Color
R _Y B	227, 164, 172
Decimal	14918828
CIE Lab	73.45, 24.40, 5.13
CIE LCh	73, 24.937, 11.860
Yxy	45.8604, 0.3655, 0.3199
Android (android.graphics.Color)	4293108908 (0xFFE3A4AC)
YUV	183.7490, -5.7923, 37.9311
Hunter-Lab	67.7203, 19.6086, 7.9012

Details

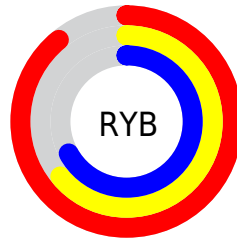
The XYZ color **52.4004, 45.8604, 45.1199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5670, 67.9462, 77.2074**, and the grayscale version is **45.4400, 47.8064, 52.0612**.

A 20% lighter version of the original color is **80.4366, 77.4691, 83.3866**, and **25.7619, 21.4905, 20.5596** is the 20% darker color. If you saturate the color by 10%, you get **46.9311, 37.7440, 34.5959**, and if you desaturate by 10%, it is **58.8811, 55.5447, 57.3826**.

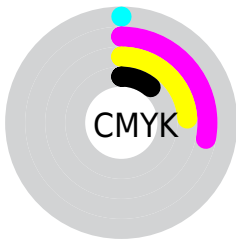
Distribution



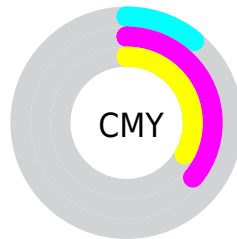
- Red (89%)
- Green (64%)
- Blue (67%)



- Red (89%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4004, 45.8604, 45.1199 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 52.4004, 45.8604, 45.1199 by changing the saturation by 10% instead.


 52.4004, 45.8604,
45.1199


 52.4004, 45.8604,
45.1199


386.2791,
370.2471, 383.4332

 37.5499, 32.1357,
31.2082


 92.8922, 84.0100,
84.2207

 25.8092, 21.4652,
20.4977


 119.2642,
109.2037, 110.2468

 16.8129, 13.4644,
12.5697


150.2074,
138.9892, 141.1483

 10.1956, 7.7491,
7.0057

186.0872,
173.7509, 177.3435

 5.5921, 3.9348,
3.3871

227.2689,
213.8731, 219.2511

 2.6370, 1.6372,
1.2956

274.1179,

 0.9648, 0.3825,

259.7403, 267.2895

0.0581

326.9995,
311.7368, 321.8774

■ 0.0000, 0.0000,
0.0000

■ 52.4004, 45.8604,
45.1199

■ 52.4004, 45.8604,
45.1199

■ 46.9311, 37.7440,
34.5959

■ 58.8811, 55.5447,
57.3826

■ 42.4184, 31.1069,
25.7290

■ 66.4170, 66.8665,
71.4548

■ 38.8080, 25.8615,
18.4351

■ 75.0537, 79.8992,
87.4071

■ 36.0384, 21.9086,
12.6217

■ 84.8330, 94.7097,
105.3053

■ 34.0405, 19.1354,
8.1865

■ 85.4886, 95.0709,
108.4525

■ 32.7339, 17.4101,
5.0140

■ 32.0124, 16.5531,
2.9665

■ 31.8981, 16.4187,
2.6381

Harmonies

Analogous

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



52.1298, 45.8604, 57.8609



52.4004, 45.8604, 45.1199



50.1958, 45.8604, 35.4526

Triad

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



52.4004, 45.8604, 45.1199



38.1854, 45.8604, 33.9803



41.0086, 45.8604, 76.6685

Complementary

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



52.4004, 45.8604, 45.1199



55.5670, 67.9462, 77.2074

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.



37.5888, 45.8604, 67.9034



52.4004, 45.8604, 45.1199



36.0360, 45.8604, 42.7666

Square

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



52.4004, 45.8604, 45.1199



41.8738, 45.8604, 29.7835



35.8252, 45.8604, 55.0793



45.3503, 45.8604, 77.5861

Rectangle

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



52.4004, 45.8604, 45.1199



47.7004, 45.8604, 31.4768



35.8252, 45.8604, 55.0793



39.7208, 45.8604, 74.4815

Sweetspot

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



52.4017, 45.8625, 45.1208



86.1477, 86.5734, 92.4356



56.2352, 47.0973, 78.8000



18.1032, 18.0246, 19.1605



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.



52.4017, 45.8625, 45.1208



64.1696, 53.6872, 50.9826



56.1724, 54.5962, 42.7022



14.4511, 14.3976, 15.3097



18.6263, 9.5847, 1.6610



1.4007, 0.7180, 0.2506

Inverse Universe

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



52.4017, 45.8625, 45.1208



64.1696, 53.6872, 50.9826



50.7459, 56.5785, 80.9194



14.4511, 14.3976, 15.3097



18.6263, 9.5847, 1.6610



1.4007, 0.7180, 0.2506

Previews

White Background



This preview shows how the XYZ color 52.4004, 45.8604, 45.1199 looks on a white background.

Color Contrast Check

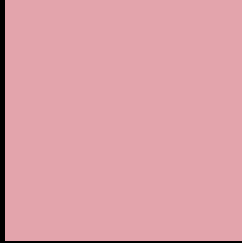
Large Text (above 18pt) WCAG AA × Fail

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 52.4004, 45.8604, 45.1199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

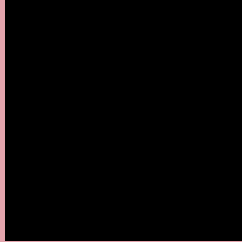
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4004, 45.8604, 45.1199

Background



This preview shows how black text looks on a background with the XYZ color 52.4004, 45.8604, 45.1199.



This preview shows how white text looks on a background with the XYZ color 52.4004, 45.8604,

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

52.4004, 45.8604, 45.1199

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

46.9428, 46.1188, 44.4579



Tritanopia

52.6122, 45.6599, 47.1146

Trichromacy



Original Color

52.4004, 45.8604, 45.1199

Protanomaly

46.9914, 45.7658, 48.4765

Deuteranomaly

48.7776, 45.9150, 44.8197

Tritanomaly

52.5136, 45.6204, 46.5953

Monochromacy



Original Color

52.4004, 45.8604, 45.1199

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7798, 47.0189, 49.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4004, 45.8604, 45.1199 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, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 164, 172)  
}
```

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, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 164, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.4004, 45.8604, 45.1199 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, 164, 172) }
```


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

```
.border{ border-color:rgb(227, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(227, 164,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4004, 45.8604, 45.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 164, 172) }
```

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

```
.background{ background-color: rgb(227,  
164, 172) }
```

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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