

Converting Colors

XYZ(53.8962, 45.8768, 47.4095)

Have a look what the booklet for
XYZ(53.8962, 45.8768, 47.4095)
contains.

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Color

**XYZ(53.9594, 45.8199,
47.5951)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A1B1
RGB	232, 161, 177
RGB Percent	91%, 63%, 69%
CMY	0.0902, 0.3686, 0.3059
CMYK	0.00, 0.31, 0.24, 0.09
HSL	346°, 61%, 77%
HSV	346°, 31%, 91%
XYZ	53.9594, 45.8199, 47.5951
YIQ	184.0530, 37.1800, 20.0280

Conversions

Conversions Part 2

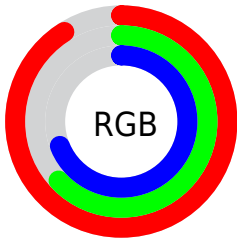
Format	Color
R_{YB}	232, 161, 177
Decimal	15245745
CIE _{Lab}	73.43, 28.54, 2.40
CIE _{LCh}	73, 28.645, 4.809
Yxy	45.8199, 0.3661, 0.3109
Android (android.graphics.Color)	4293435825 (0xFFE8A1B1)
YUV	184.0530, -3.4771, 42.0495
Hunter-Lab	67.6904, 23.8331, 5.6947

Details

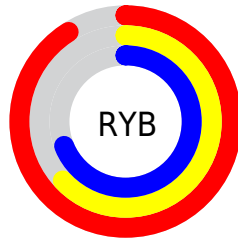
The XYZ color **53.9594, 45.8199, 47.5951** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.9512, 70.2493, 75.5799**, and the grayscale version is **45.5946, 47.9690, 52.2383**.

A 20% lighter version of the original color is **80.5038, 76.2549, 87.5665**, and **26.8495, 21.5319, 22.1430** is the 20% darker color. If you saturate the color by 10%, you get **48.5999, 37.7814, 37.5447**, and if you desaturate by 10%, it is **60.3096, 55.4614, 59.1409**.

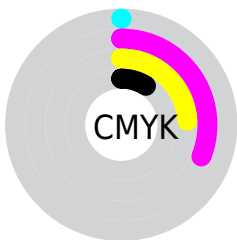
Distribution



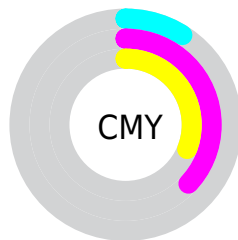
- Red (91%)
- Green (63%)
- Blue (69%)



- Red (91%)
- Yellow (63%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9594, 45.8199, 47.5951 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 53.9594, 45.8199, 47.5951 by changing the saturation by 10% instead.


 53.9594, 45.8199,
47.5951


 53.9594, 45.8199,
47.5951


392.1561,
370.0841, 393.6473

 38.7997, 32.1037,
33.1486

 95.1719, 83.9494,
87.9605

 26.7840, 21.4407,
21.9683

 121.9554,
109.1315, 114.7165

 17.5468, 13.4465,
13.6355


153.3443,
138.9044, 146.4128

 10.7228, 7.7368,
7.7318

189.7038,
173.6524, 183.4679

 5.9467, 3.9270,
3.8385

231.3994,
213.7600, 226.3004

 2.8530, 1.6328,
1.5372

278.7964,

 1.0765, 0.3796,

259.6116, 275.3287

0.2454

332.2602,
311.5915, 330.9715

■ 0.0053, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9594, 45.8199,
47.5951

■ 53.9594, 45.8199,
47.5951

■ 48.5999, 37.7814,
37.5447

■ 60.3096, 55.4614,
59.1409

■ 44.1765, 31.2524,
28.9247

■ 67.6937, 66.7799,
72.2376

■ 40.6350, 26.1397,
21.6696

■ 76.1572, 79.8524,
86.9414

■ 37.9138, 22.3372,
15.7072

■ 85.7414, 94.7494,
103.3047

■ 35.9433, 19.7234,
10.9585

■ 87.0889, 95.8959,
108.5274

■ 34.6413, 18.1540,
7.3350

■ 33.9048, 17.4063,
4.8535

Harmonies

Analogous

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



52.9401, 45.8199, 62.6858



53.9594, 45.8199, 47.5951



52.0184, 45.8199, 35.6411

Triad

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



53.9594, 45.8199, 47.5951



38.2399, 45.8199, 30.3652



39.5473, 45.8199, 79.5185

Complementary

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



53.9594, 45.8199, 47.5951



55.9512, 70.2493, 75.5799

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.



36.0553, 45.8199, 67.5057



53.9594, 45.8199, 47.5951



35.3423, 45.8199, 38.9661

Square

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



53.9594, 45.8199, 47.5951



42.7415, 45.8199, 26.9950



34.5743, 45.8199, 52.2577



44.3695, 45.8199, 83.0442

Rectangle

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



53.9594, 45.8199, 47.5951



49.3888, 45.8199, 30.4416



34.5743, 45.8199, 52.2577



38.1913, 45.8199, 76.2388

Sweetspot

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



53.9607, 45.8220, 47.5960



85.4290, 85.1287, 92.2188



55.4637, 45.8310, 82.2673



17.9748, 17.7428, 19.1946



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.



53.9607, 45.8220, 47.5960



62.3577, 50.0011, 50.5703



56.0211, 52.3467, 40.8722



14.5093, 14.4209, 15.6164



18.8617, 9.6789, 2.9009



1.4285, 0.7291, 0.3971

Inverse Universe

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



53.9607, 45.8220, 47.5960



62.3577, 50.0011, 50.5703



53.0762, 61.0269, 85.3262



14.5093, 14.4209, 15.6164



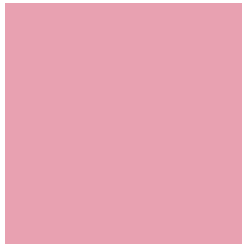
18.8617, 9.6789, 2.9009



1.4285, 0.7291, 0.3971

Previews

White Background



This preview shows how the XYZ color 53.9594, 45.8199, 47.5951 looks on a white background.

Color Contrast Check

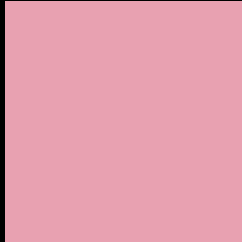
Large Text (above 18pt) WCAG AA × Fail

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 53.9594, 45.8199, 47.5951 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 53.9594, 45.8199, 47.5951

Background



This preview shows how black text looks on a background with the XYZ color 53.9594, 45.8199, 47.5951.



This preview shows how white text looks on a background with the XYZ color 53.9594, 45.8199,

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

53.9594, 45.8199, 47.5951

Protanopia

44.6898, 46.2184, 54.1426

Deuteranopia

46.7894, 45.9953, 46.4563



Tritanopia

53.8390, 46.0525, 46.0958

Trichromacy



Original Color

53.9594, 45.8199, 47.5951

Protanomaly

47.4147, 45.6272, 51.6553

Deuteranomaly

49.2640, 45.8416, 46.8093

Tritanomaly

53.9369, 46.0916, 46.6112

Monochromacy



Original Color

53.9594, 45.8199, 47.5951

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.9532, 46.8044, 50.2228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9594, 45.8199, 47.5951 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(232, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(232, 161, 177)  
}
```

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(232, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 161, 177) }
```

Border

The CSS property to change the border of an element to XYZ 53.9594, 45.8199, 47.5951 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(232, 161, 177) }
```


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

```
.border{ border-color:rgb(232, 161, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 161, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 161, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 161, 177);  
box-shadow:4px 4px 4px 4px rgb(232, 161,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9594, 45.8199, 47.5951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 161, 177) }
```

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

```
.background{ background-color: rgb(232,  
161, 177) }
```

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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