

Converting Colors

XYZ(53.0187, 45.8986, 45.1576)

Have a look what the booklet for
XYZ(53.0187, 45.8986, 45.1576)
contains.

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Color

**XYZ(53.1767, 45.9959,
45.1051)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A3AC
RGB	230, 163, 172
RGB Percent	90%, 64%, 67%
CMY	0.0980, 0.3608, 0.3255
CMYK	0.00, 0.29, 0.25, 0.10
HSL	352°, 57%, 77%
HSV	352°, 29%, 90%
XYZ	53.1767, 45.9959, 45.1051
YIQ	184.0590, 37.0430, 17.0030

Conversions

Conversions Part 2

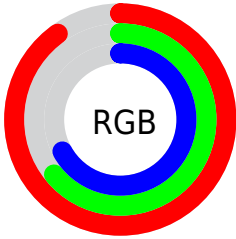
Format	Color
R _Y B	230, 163, 172
Decimal	15115180
CIE Lab	73.54, 26.04, 5.29
CIE LCh	74, 26.572, 11.490
Yxy	45.9959, 0.3686, 0.3188
Android (android.graphics.Color)	4293305260 (0xFFE6A3AC)
YUV	184.0590, -5.9451, 40.2903
Hunter-Lab	67.8203, 21.2733, 8.0423

Details

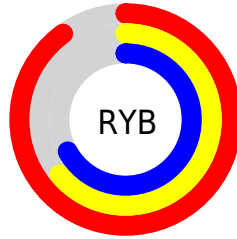
The XYZ color **53.1767, 45.9959, 45.1051** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4541, 69.6017, 78.8691**, and the grayscale version is **45.6111, 47.9864, 52.2572**.

A 20% lighter version of the original color is **80.1765, 76.9489, 83.2999**, and **26.3082, 21.6092, 20.5537** is the 20% darker color. If you saturate the color by 10%, you get **47.6870, 37.8508, 34.5367**, and if you desaturate by 10%, it is **59.6981, 55.7452, 57.4321**.

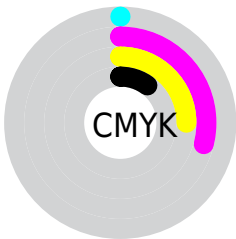
Distribution



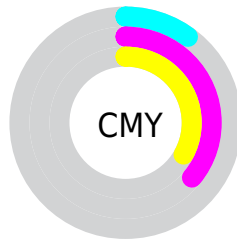
- Red (90%)
- Green (64%)
- Blue (67%)



- Red (90%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1767, 45.9959, 45.1051 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 53.1767, 45.9959, 45.1051 by changing the saturation by 10% instead.


 53.1767, 45.9959,
45.1051


 53.1767, 45.9959,
45.1051


389.2125,
370.7922, 383.3716

 38.1719, 32.2426,
31.1967

 94.0283, 84.2129,
84.1982

 26.2939, 21.5469,
20.4889

 120.6059,
109.4453, 110.2200

 17.1775, 13.5243,
12.5634

151.7717,
139.2729, 141.1166

 10.4572, 7.7906,
7.0014

187.8911,
174.0801, 177.3067

 5.7677, 3.9612,
3.3845

229.3296,
214.2512, 219.2086

 2.7437, 1.6519,
1.2942

276.4524,

 1.0197, 0.3922,

260.1706, 267.2411

0.0570

329.6249,
312.2228, 321.8225

■ 0.0000, 0.0000,
0.0000

■ 53.1767, 45.9959,
45.1051

■ 53.1767, 45.9959,
45.1051

■ 47.6870, 37.8508,
34.5367

■ 59.6981, 55.7452,
57.4321

■ 43.1722, 31.2177,
25.6438

■ 67.2967, 67.1714,
71.5900

■ 39.5759, 26.0052,
18.3406

■ 76.0196, 80.3508,
87.6504

■ 36.8341, 22.1091,
12.5327

■ 85.9082, 95.3491,
105.6799

■ 34.8746, 19.4111,
8.1154

■ 86.4433, 95.5631,
108.4972

■ 33.6129, 17.7713,
4.9704

■ 32.9242, 16.9743,
2.9521

■ 32.8790, 16.9214,
2.8215

Harmonies

Analogous

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



52.8513, 45.9959, 58.7482



53.1767, 45.9959, 45.1051



50.8363, 45.9959, 34.8291

Triad

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



53.1767, 45.9959, 45.1051



38.0045, 45.9959, 33.1010



40.9133, 45.9959, 78.8239

Complementary

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



53.1767, 45.9959, 45.1051



56.4541, 69.6017, 78.8691

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.



37.2968, 45.9959, 69.2413



53.1767, 45.9959, 45.1051



35.7022, 45.9959, 42.3124

Square

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



53.1767, 45.9959, 45.1051



41.9436, 45.9959, 28.7741



35.4527, 45.9959, 55.4116



45.5412, 45.9959, 79.9380

Rectangle

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



53.1767, 45.9959, 45.1051



48.1708, 45.9959, 30.6214



35.4527, 45.9959, 55.4116



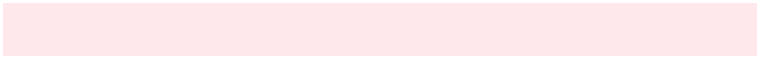
39.5479, 45.9959, 76.4158

Sweetspot

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



53.1780, 45.9981, 45.1060



85.1251, 85.0071, 90.6184



56.8816, 47.1176, 80.9598



17.9005, 17.7131, 18.8034



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.



53.1780, 45.9981, 45.1060



62.8400, 51.6453, 48.6360



56.8993, 54.7769, 42.2271



14.4554, 14.3993, 15.3325



18.6396, 9.5900, 1.7310



1.4028, 0.7188, 0.2615

Inverse Universe

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



53.1780, 45.9981, 45.1060



62.8400, 51.6453, 48.6360



51.5929, 57.9093, 83.3216



14.4554, 14.3993, 15.3325



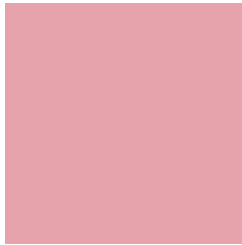
18.6396, 9.5900, 1.7310



1.4028, 0.7188, 0.2615

Previews

White Background



This preview shows how the XYZ color 53.1767, 45.9959, 45.1051 looks on a white background.

Color Contrast Check

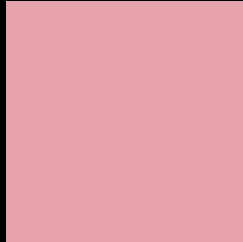
Large Text (above 18pt) WCAG AA × Fail

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 53.1767, 45.9959, 45.1051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

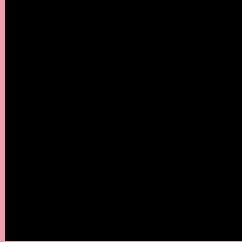
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1767, 45.9959, 45.1051

Background



This preview shows how black text looks on a background with the XYZ color 53.1767, 45.9959, 45.1051.



This preview shows how white text looks on a background with the XYZ color 53.1767, 45.9959,

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

53.1767, 45.9959, 45.1051

Protanopia

44.5319, 46.2103, 50.8284

Deuteranopia

47.2143, 46.2587, 44.4706



Tritanopia

53.4682, 46.1125, 46.6400

Trichromacy



Original Color

53.1767, 45.9959, 45.1051

Protanomaly

47.2593, 45.9040, 48.4890

Deuteranomaly

49.3542, 46.2122, 44.8467

Tritanomaly

53.3703, 46.0734, 46.1245

Monochromacy



Original Color

53.1767, 45.9959, 45.1051

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.8509, 46.7635, 49.6843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1767, 45.9959, 45.1051 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(230, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 163, 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(230, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 163, 172) }
```

Border

The CSS property to change the border of an element to XYZ 53.1767, 45.9959, 45.1051 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(230, 163, 172) }
```


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

```
.border{ border-color:rgb(230, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(230, 163,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1767, 45.9959, 45.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 163, 172) }
```

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

```
.background{ background-color: rgb(230,  
163, 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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