

Converting Colors

XYZ(56.3451, 45.1741, 63.5074)

Have a look what the booklet for
XYZ(56.3451, 45.1741, 63.5074)
contains.

XYZ(56.3451, 45.1741, 63.5074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.3451, 45.1741,
63.5074)**

Conversions

Conversions Part 1

Format	Color
Hex	E99BCD
RGB	233, 155, 205
RGB Percent	91%, 61%, 80%
CMY	0.0863, 0.3921, 0.1961
CMYK	0.00, 0.33, 0.12, 0.09
HSL	322°, 64%, 76%
HSV	322°, 33%, 91%
XYZ	56.3451, 45.1741, 63.5074
YIQ	184.0220, 30.4380, 32.0860

Conversions

Conversions Part 2

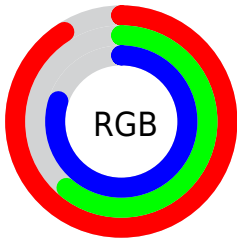
Format	Color
R_{YB}	233, 155, 205
Decimal	15309773
CIE _{Lab}	73.01, 36.38, -13.64
CIE _{LCh}	73, 38.852, 339.441
Yxy	45.1741, 0.3414, 0.2737
Android (android.graphics.Color)	4293499853 (0xFFE99BCD)
YUV	184.0220, 10.3422, 42.9537
Hunter-Lab	67.2117, 32.0202, -8.9741

Details

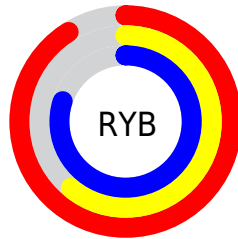
The XYZ color **56.3451, 45.1741, 63.5074** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.2057, 68.6667, 55.3580**, and the grayscale version is **45.5062, 47.8761, 52.1371**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **28.2418, 20.9672, 31.8367** is the 20% darker color. If you saturate the color by 10%, you get **51.8524, 37.7611, 57.1608**, and if you desaturate by 10%, it is **61.6426, 54.1090, 70.3896**.

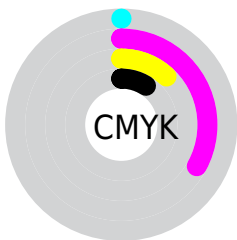
Distribution



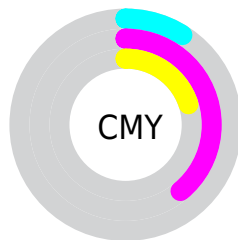
- Red (91%)
- Green (61%)
- Blue (80%)



- Red (91%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3451, 45.1741, 63.5074 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 56.3451, 45.1741, 63.5074 by changing the saturation by 10% instead.

56.3451, 45.1741,
63.5074

56.3451, 45.1741,
63.5074

401.0447,
367.4782, 455.5671

40.7178, 31.5946,
45.8082

98.6459, 82.9816,
111.4938

28.2853, 21.0520,
31.7469

126.0500,
107.9784, 142.6181

18.6824, 13.1620,
20.9050

158.1104,
137.5497, 179.0546

11.5437, 7.5402,
12.8640

195.1925,
172.0800, 221.2216

6.5037, 3.8022,
7.2054

237.6617,
211.9535, 269.5379

3.1973, 1.5635,
3.5105

285.8832,

1.2589, 0.3328,

257.5548, 324.4218

1.3608

340.2224,
309.2683, 386.2921

■ 0.1521, 0.0000,
0.1109

■ 0.0000, 0.0000,
0.0000

■ 56.3451, 45.1741,
63.5074

■ 56.3451, 45.1741,
63.5074

■ 51.8524, 37.7611,
57.1608

■ 61.6426, 54.1090,
70.3896

■ 48.1165, 31.7772,
51.3283

■ 67.7814, 64.6396,
77.8221

■ 45.0902, 27.1289,
45.9903

■ 74.8006, 76.8418,
85.8224

■ 42.7192, 23.7089,
41.1245

■ 82.7356, 90.7854,
94.4061

■ 40.9408, 21.3933,
36.7054

■ 86.1260, 95.5484,
101.7569

■ 39.6791, 20.0316,
32.7033

■ 87.4146, 96.0638,
108.5427

■ 39.0578, 19.5051,
30.2888

Harmonies

Analogous

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



51.7682, 45.1741, 84.0471



56.3451, 45.1741, 63.5074



57.1328, 45.1741, 43.3100

Triad

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



56.3451, 45.1741, 63.5074



40.8323, 45.1741, 20.7718



33.6299, 45.1741, 76.9420

Complementary

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



56.3451, 45.1741, 63.5074



51.2057, 68.6667, 55.3580

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.



31.3114, 45.1741, 55.5728



56.3451, 45.1741, 63.5074



35.1714, 45.1741, 25.6089

Square

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



56.3451, 45.1741, 63.5074



47.6824, 45.1741, 21.8443



31.8444, 45.1741, 37.1993



38.5167, 45.1741, 93.1133

Rectangle

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



56.3451, 45.1741, 63.5074



55.3280, 45.1741, 33.0145



31.8444, 45.1741, 37.1993



32.5490, 45.1741, 69.9294

Sweetspot

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



56.3465, 45.1762, 63.5083



86.0087, 84.2201, 98.7875



45.7937, 39.3099, 82.2656



18.1566, 17.5884, 20.8527



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.



56.3465, 45.1762, 63.5083



65.3362, 49.1245, 72.6307



52.2747, 43.5475, 42.0666



15.4720, 15.2166, 17.7707



22.2233, 11.0920, 17.5091



1.7907, 0.8893, 1.6154

Inverse Universe

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



56.3465, 45.1762, 63.5083



65.3362, 49.1245, 72.6307



55.7492, 70.4841, 79.2841



15.4720, 15.2166, 17.7707



22.2233, 11.0920, 17.5091



1.7907, 0.8893, 1.6154

Previews

White Background



This preview shows how the XYZ color 56.3451, 45.1741, 63.5074 looks on a white background.

Color Contrast Check

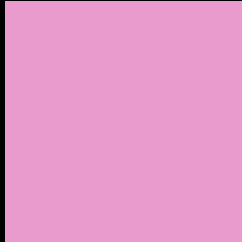
Large Text (above 18pt) WCAG AA × Fail

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 56.3451, 45.1741, 63.5074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

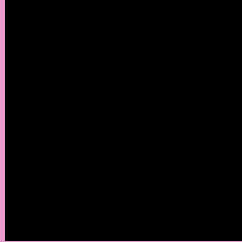
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3451, 45.1741, 63.5074

Background



This preview shows how black text looks on a background with the XYZ color 56.3451, 45.1741, 63.5074.



This preview shows how white text looks on a background with the XYZ color 56.3451, 45.1741,

63.5074.

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

56.3451, 45.1741, 63.5074

Protanopia

45.4162, 45.5541, 74.1093

Deuteranopia

46.3661, 45.4418, 61.5857



Tritanopia

52.6008, 45.1649, 45.4805

Trichromacy



Original Color

56.3451, 45.1741, 63.5074



Protanomaly

48.6328, 44.9932, 70.4113



Deuteranomaly

49.5651, 45.1069, 61.9713



Tritanomaly

53.7882, 45.1221, 51.7734

Monochromacy



Original Color

56.3451, 45.1741, 63.5074



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.8151, 46.2495, 56.2234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3451, 45.1741, 63.5074 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(233, 155, 205)` looks like.

```
.text, #text, p{  
    color:rgb(233, 155, 205)  
}
```

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(233, 155, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 155, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.3451, 45.1741, 63.5074 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(233, 155, 205) }
```


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

```
.border{ border-color:rgb(233, 155, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 155, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 155, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 155, 205);  
box-shadow:4px 4px 4px 4px rgb(233, 155,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3451, 45.1741, 63.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 155, 205) }
```

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

```
.background{ background-color: rgb(233,  
155, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor