

Converting Colors

XYZ(54.5164, 45.6277, 62.6157)

Have a look what the booklet for
XYZ(54.5164, 45.6277, 62.6157)
contains.

XYZ(54.4016, 45.4610, 62.4075)	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(54.4016, 45.4610,
62.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A0CB
RGB	225, 160, 203
RGB Percent	88%, 63%, 80%
CMY	0.1176, 0.3725, 0.2039
CMYK	0.00, 0.29, 0.10, 0.12
HSL	320°, 52%, 75%
HSV	320°, 29%, 88%
XYZ	54.4016, 45.4610, 62.4075
YIQ	184.3370, 24.9370, 27.1530

Conversions

Conversions Part 2

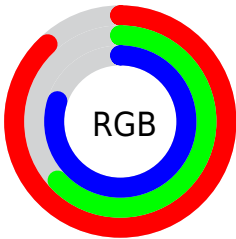
Format	Color
R_{YB}	225, 160, 203
Decimal	14786763
CIE _{Lab}	73.19, 30.68, -12.35
CIE _{LCh}	73, 33.073, 338.075
Yxy	45.4610, 0.3353, 0.2802
Android (android.graphics.Color)	4292976843 (0xFFE1A0CB)
YUV	184.3370, 9.2009, 35.6615
Hunter-Lab	67.4248, 26.0292, -7.6807

Details

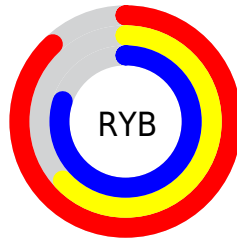
The XYZ color **54.4016, 45.4610, 62.4075** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8678, 64.7026, 54.1194**, and the grayscale version is **45.6885, 48.0678, 52.3459**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **27.1496, 21.3301, 31.1199** is the 20% darker color. If you saturate the color by 10%, you get **49.9632, 38.0006, 56.5599**, and if you desaturate by 10%, it is **59.5931, 54.3550, 68.7272**.

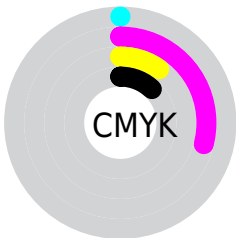
Distribution



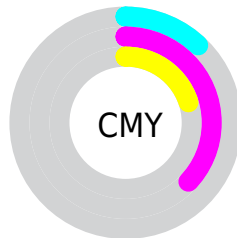
- Red (88%)
- Green (63%)
- Blue (80%)



- Red (88%)
- Yellow (63%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (10%)
- Black (12%)





- Cyan (12%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4016, 45.4610, 62.4075 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 54.4016, 45.4610, 62.4075 by changing the saturation by 10% instead.


 54.4016, 45.4610,
62.4075


 54.4016, 45.4610,
62.4075


393.8130,
368.6374, 451.4646

 39.1548, 31.8207,
44.9241

 95.8171, 83.4118,
109.8916

 27.0614, 21.2246,
31.0552


 122.7165,
108.4910, 140.7294

 17.7562, 13.2883,
20.3820


154.2308,
138.1520, 176.8557

 10.8737, 7.6273,
12.4862

190.7253,
172.7792, 218.6891

 6.0486, 3.8574,
6.9492

232.5654,
212.7569, 266.6482

 2.9156, 1.5941,
3.3524

280.1165,

 1.1093, 0.3536,

258.4696, 321.1514

1.2773

333.7439,
310.3017, 382.6174

■ 0.0329, 0.0000,
0.0430

■ 0.0000, 0.0000,
0.0000

■ 54.4016, 45.4610,
62.4075

■ 54.4016, 45.4610,
62.4075

■ 49.9632, 38.0006,
56.5599

■ 59.5931, 54.3550,
68.7272

■ 46.2352, 31.8913,
51.1654

■ 65.5696, 64.7472,
75.5311

■ 43.1765, 27.0514,
46.2078

■ 72.3659, 76.7056,
82.8342

■ 40.7402, 23.3879,
41.6680

■ 80.0134, 90.2923,
90.6502

■ 38.8728, 20.7951,
37.5249

■ 82.7008, 93.8834,
97.0446

■ 37.5113, 19.1479,
33.7542

■ 83.8631, 94.3483,
103.1654

■ 36.5588, 18.2541,
30.3199

■ 84.8616, 94.7477,
108.4232

■ 36.4638, 18.1726,
29.9535

Harmonies

Analogous

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



50.4575, 45.4610, 79.1364



54.4016, 45.4610, 62.4075



55.2171, 45.4610, 45.1474

Triad

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



54.4016, 45.4610, 62.4075



41.6618, 45.4610, 24.1344



35.0120, 45.4610, 71.9218

Complementary

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



54.4016, 45.4610, 62.4075



49.8678, 64.7026, 54.1194

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.



33.0822, 45.4610, 54.1222



54.4016, 45.4610, 62.4075



36.6908, 45.4610, 28.3748

Square

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



54.4016, 45.4610, 62.4075



47.5083, 45.4610, 25.3903



33.6681, 45.4610, 38.5063



39.1778, 45.4610, 85.4298

Rectangle

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



54.4016, 45.4610, 62.4075



53.8142, 45.4610, 35.9391



33.6681, 45.4610, 38.5063



34.0981, 45.4610, 66.1020

Sweetspot

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



54.4030, 45.4631, 62.4084



86.9350, 85.7311, 100.1492



45.3762, 40.4848, 76.6575



18.3450, 17.8909, 21.1443



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.



54.4030, 45.4631, 62.4084



68.3928, 53.8664, 77.8769



50.9586, 44.0853, 44.2707



14.0875, 13.8527, 16.2312



21.0686, 10.4944, 17.5586



1.5017, 0.7439, 1.4346

Inverse Universe

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



54.4030, 45.4631, 62.4084



68.3928, 53.8664, 77.8769



53.5828, 66.1886, 73.6826



14.0875, 13.8527, 16.2312



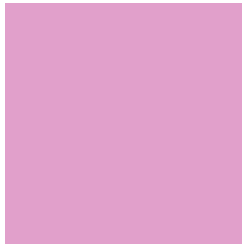
21.0686, 10.4944, 17.5586



1.5017, 0.7439, 1.4346

Previews

White Background



This preview shows how the XYZ color 54.4016, 45.4610, 62.4075 looks on a white background.

Color Contrast Check

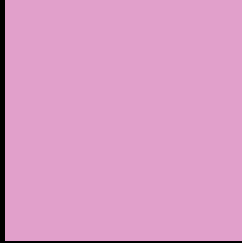
Large Text (above 18pt) WCAG AA × Fail

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 54.4016, 45.4610, 62.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

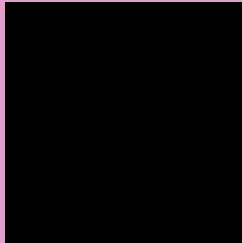
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4016, 45.4610, 62.4075

Background



This preview shows how black text looks on a background with the XYZ color 54.4016, 45.4610, 62.4075.



This preview shows how white text looks on a background with the XYZ color 54.4016, 45.4610,

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

54.4016, 45.4610, 62.4075

Protanopia

45.1994, 45.5177, 70.6935

Deuteranopia

46.4943, 45.5214, 60.9796



Tritanopia

51.5151, 45.6142, 47.6842

Trichromacy



Original Color

54.4016, 45.4610, 62.4075



Protanomaly

47.8066, 44.9053, 67.7759



Deuteranomaly

49.0047, 45.3840, 61.4355



Tritanomaly

52.3915, 45.4275, 52.4614

Monochromacy



Original Color

54.4016, 45.4610, 62.4075



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.2871, 46.5636, 55.7329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4016, 45.4610, 62.4075 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(225, 160, 203)` looks like.

```
.text, #text, p{  
    color:rgb(225, 160, 203)  
}
```

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(225, 160, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 160, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.4016, 45.4610, 62.4075 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(225, 160, 203) }
```


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

```
.border{ border-color:rgb(225, 160, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 160, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 160, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 160, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 160,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4016, 45.4610, 62.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 160, 203) }
```

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

```
.background{ background-color: rgb(225,  
160, 203) }
```

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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