

Converting Colors

XYZ(54.1265, 45.7688, 60.5774)

Have a look what the booklet for
XYZ(54.1265, 45.7688, 60.5774)
contains.

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Color

**XYZ(54.0861, 45.8581,
60.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A2C8
RGB	224, 162, 200
RGB Percent	88%, 64%, 78%
CMY	0.1216, 0.3647, 0.2157
CMYK	0.00, 0.28, 0.11, 0.12
HSL	323°, 50%, 76%
HSV	323°, 28%, 88%
XYZ	54.0861, 45.8581, 60.6444
YIQ	184.8700, 24.7540, 24.9620

Conversions

Conversions Part 2

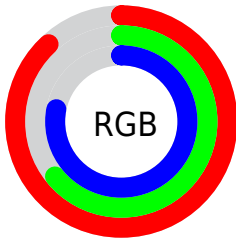
Format	Color
RYB	224, 162, 200
Decimal	14721736
CIELab	73.45, 28.76, -10.32
CIELCh	73, 30.558, 340.255
Yxy	45.8581, 0.3368, 0.2856
Android (android.graphics.Color)	4292911816 (0xFFE0A2C8)
YUV	184.8700, 7.4591, 34.3170
Hunter-Lab	67.7186, 24.0584, -5.6933

Details

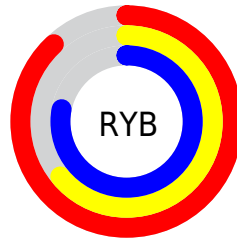
The XYZ color **54.0861, 45.8581, 60.6444** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.4208, 64.5391, 56.2572**, and the grayscale version is **45.9932, 48.3885, 52.6950**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **26.9127, 21.5520, 29.9356** is the 20% darker color. If you saturate the color by 10%, you get **49.5015, 38.2646, 54.2573**, and if you desaturate by 10%, it is **59.4337, 54.8844, 67.5705**.

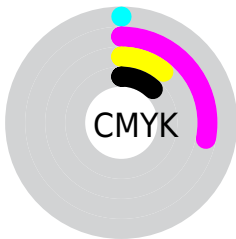
Distribution



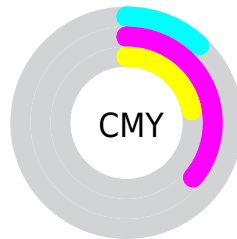
- Red (88%)
- Green (64%)
- Blue (78%)



- Red (88%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (28%)
- Yellow (11%)
- Black (12%)





- Cyan (12%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0861, 45.8581, 60.6444 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 54.0861, 45.8581, 60.6444 by changing the saturation by 10% instead.


 54.0861, 45.8581,
60.6444


 54.0861, 45.8581,
60.6444


392.6312,
370.2379, 444.8394

 38.9014, 32.1339,
43.5096


 95.3568, 84.0066,
107.3164

 26.8634, 21.4638,
29.9508

 122.1736,
109.1996, 137.6906

 17.6067, 13.4634,
19.5495


153.5984,
138.9844, 173.3151

 10.7660, 7.7484,
11.8872

189.9967,
173.7453, 214.6083

 5.9758, 3.9344,
6.5453

231.7337,
213.8667, 261.9887

 2.8709, 1.6369,
3.1053

279.1750,

 1.0859, 0.3823,

259.7330, 315.8751

1.1486

332.6857,
311.7286, 376.6858

■ 0.0132, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0861, 45.8581,
60.6444

■ 54.0861, 45.8581,
60.6444

■ 49.5015, 38.2646,
54.2573

■ 59.4337, 54.8844,
67.5705

■ 45.6376, 32.0226,
48.3888

■ 65.5757, 65.4066,
75.0491

■ 42.4540, 27.0522,
43.0214

■ 72.5466, 77.4918,
83.0966

■ 39.9046, 23.2628,
38.1346

■ 80.3777, 91.2010,
91.7278

■ 37.9369, 20.5512,
33.7060

■ 82.7327, 93.8602,
98.8348

■ 36.4897, 18.7965,
29.7100

■ 84.0763, 94.3976,
105.9101

■ 35.4794, 17.8333,
26.1133

■ 84.5507, 94.5874,
108.4086

■ 35.2766, 17.6618,
25.3240

Harmonies

Analogous

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



50.6320, 45.8581, 76.1795



54.0861, 45.8581, 60.6444



54.6001, 45.8581, 44.8322

Triad

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



54.0861, 45.8581, 60.6444



41.7678, 45.8581, 26.0508



36.1466, 45.8581, 71.6700

Complementary

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



54.0861, 45.8581, 60.6444



50.4208, 64.5391, 56.2572

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.



34.1639, 45.8581, 55.4039



54.0861, 45.8581, 60.6444



37.2274, 45.8581, 30.5337

Square

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



54.0861, 45.8581, 60.6444



47.1823, 45.8581, 26.8831



34.5425, 45.8581, 40.5612



40.1786, 45.8581, 83.3985

Rectangle

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



54.0861, 45.8581, 60.6444



53.1650, 45.8581, 36.4212



34.5425, 45.8581, 40.5612



35.2341, 45.8581, 66.4277

Sweetspot

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



54.0875, 45.8602, 60.6454



87.6383, 87.1696, 100.2852



46.5699, 41.6348, 76.1034



18.4772, 18.1742, 21.1303



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.



54.0875, 45.8602, 60.6454



69.0163, 55.6259, 76.5046



50.8458, 44.5635, 43.5752



14.0584, 13.8410, 16.0780



20.5912, 10.3035, 15.0450



1.4707, 0.7316, 1.2716

Inverse Universe

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



54.0875, 45.8602, 60.6454



69.0163, 55.6259, 76.5046



54.0515, 65.9914, 75.3764



14.0584, 13.8410, 16.0780



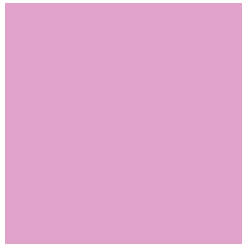
20.5912, 10.3035, 15.0450



1.4707, 0.7316, 1.2716

Previews

White Background



This preview shows how the XYZ color 54.0861, 45.8581, 60.6444 looks on a white background.

Color Contrast Check

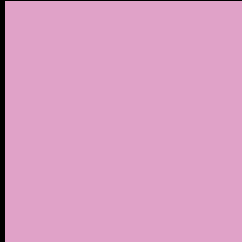
Large Text (above 18pt) WCAG AA × Fail

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 54.0861, 45.8581, 60.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

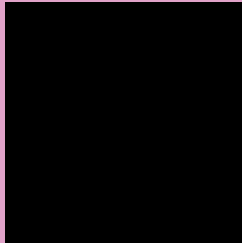
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0861, 45.8581, 60.6444

Background



This preview shows how black text looks on a background with the XYZ color 54.0861, 45.8581, 60.6444.



This preview shows how white text looks on a background with the XYZ color 54.0861, 45.8581,

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

54.0861, 45.8581, 60.6444

Protanopia

45.5572, 46.0573, 68.1168

Deuteranopia

47.0892, 46.1583, 59.2509



Tritanopia

51.5917, 45.8993, 48.7881

Trichromacy



Original Color

54.0861, 45.8581, 60.6444

Protanomaly

48.1984, 45.7296, 65.3178

Deuteranomaly

49.3846, 45.8995, 59.6827

Tritanomaly

52.5490, 46.0277, 53.1283

Monochromacy



Original Color

54.0861, 45.8581, 60.6444

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5696, 47.3041, 55.2859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0861, 45.8581, 60.6444 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(224, 162, 200)` looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 200)  
}
```

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(224, 162, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.0861, 45.8581, 60.6444 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(224, 162, 200) }
```


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

```
.border{ border-color:rgb(224, 162, 200) }
```

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

Here you see how a box with a 4 pixel rgb(224, 162, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 200);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0861, 45.8581, 60.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 200) }
```

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

```
.background{ background-color: rgb(224,  
162, 200) }
```

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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