

Converting Colors

XYZ(54.1137, 45.1922, 70.9955)

Have a look what the booklet for
XYZ(54.1137, 45.1922, 70.9955)
contains.

XYZ(54.1789, 45.1595, 70.8269)	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(54.1789, 45.1595,
70.8269)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA0D8
RGB	219, 160, 216
RGB Percent	86%, 63%, 85%
CMY	0.1412, 0.3725, 0.1529
CMYK	0.00, 0.27, 0.01, 0.14
HSL	303°, 45%, 74%
HSV	303°, 27%, 86%
XYZ	54.1789, 45.1595, 70.8269
YIQ	184.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

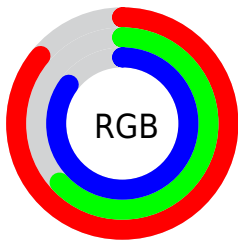
Format	Color
R _{YB}	219, 160, 216
Decimal	14393560
CIE _{Lab}	73.00, 30.97, -19.85
CIE _{LCh}	73, 36.781, 327.341
Y _{xy}	45.1595, 0.3184, 0.2654
Android (android.graphics.Color)	4292583640 (0xFFDBA0D8)
YUV	184.0250, 15.7637, 30.6731
Hunter-Lab	67.2008, 26.3095, -15.4486

Details

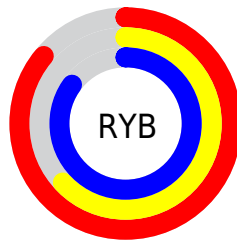
The XYZ color **54.1789, 45.1595, 70.8269** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.4414, 60.7824, 43.9373**, and the grayscale version is **45.4840, 47.8527, 52.1116**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **26.8998, 21.0849, 36.3702** is the 20% darker color. If you saturate the color by 10%, you get **50.5686, 38.1678, 68.9159**, and if you desaturate by 10%, it is **58.4617, 53.4930, 72.9679**.

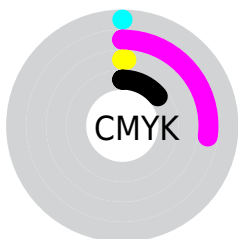
Distribution



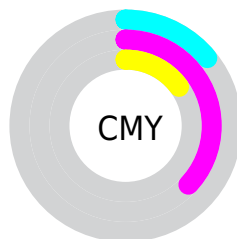
- Red (86%)
- Green (63%)
- Blue (85%)



- Red (86%)
- Yellow (63%)
- Blue (85%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (14%)




- Cyan (14%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1789, 45.1595, 70.8269 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 54.1789, 45.1595, 70.8269 by changing the saturation by 10% instead.


 54.1789, 45.1595,
70.8269


 54.1789, 45.1595,
70.8269


392.9791,
367.4192, 482.3154

 38.9759, 31.5831,
51.7200

 95.4922, 82.9597,
122.0794

 26.9217, 21.0432,
36.4012


 122.3333,
107.9523, 155.0620

 17.6507, 13.1556,
24.4521


153.7845,
137.5190, 193.5070

 10.7976, 7.5358,
15.4540

190.2111,
172.0443, 237.8328

 5.9972, 3.7994,
8.9885

231.9785,
211.9126, 288.4580

 2.8840, 1.5620,
4.6370

279.4521,

 1.0927, 0.3318,

257.5082, 345.8011

1.9809

332.9971,
309.2156, 410.2808

■ 0.0190, 0.0000,
0.5435

■ 0.0000, 0.0000,
0.0000

■ 54.1789, 45.1595,
70.8269

■ 54.1789, 45.1595,
70.8269

■ 50.5686, 38.1678,
68.9159

■ 58.4617, 53.4930,
72.9679

■ 47.5915, 32.4417,
67.2202

■ 63.4453, 63.2274,
75.3468

■ 45.2108, 27.9068,
65.7282

■ 69.1615, 74.4254,
77.9748

■ 43.3839, 24.4780,
64.4255

■ 75.6389, 87.1442,
80.8613

42.0629, 22.0595,
63.2963

78.1011, 91.8312,
82.4143

41.1917, 20.5390,
62.3217

78.2506, 91.8910,
83.2013

40.6970, 19.7700,
61.4774

78.4010, 91.9511,
83.9934

40.5822, 19.6076,
61.2322

78.5524, 92.0117,
84.7907

78.7048, 92.0727,
85.5933

Harmonies

Analogous

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



48.8467, 45.1595, 87.7429



54.1789, 45.1595, 70.8269



56.4749, 45.1595, 50.8296

Triad

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



54.1789, 45.1595, 70.8269



43.4980, 45.1595, 21.6321



32.8631, 45.1595, 67.2647

Complementary

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



54.1789, 45.1595, 70.8269



46.4414, 60.7824, 43.9373

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.



31.7331, 45.1595, 47.5489



54.1789, 45.1595, 70.8269



37.4982, 45.1595, 23.9748

Square

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



54.1789, 45.1595, 70.8269



49.9360, 45.1595, 25.0054



33.3447, 45.1595, 32.4516



36.5989, 45.1595, 85.3518

Rectangle

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



54.1789, 45.1595, 70.8269



55.8196, 45.1595, 39.3668



33.3447, 45.1595, 32.4516



32.1832, 45.1595, 60.4812

Sweetspot

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



54.1803, 45.1615, 70.8279



88.7173, 87.6012, 105.9673



40.4530, 38.0396, 72.2291



18.7504, 18.2835, 22.5688



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.



54.1803, 45.1615, 70.8279



73.6493, 58.2564, 98.5057



50.7074, 43.7723, 52.5397



13.5843, 13.2628, 16.3381



24.0756, 11.6313, 36.3739



1.5687, 0.7571, 2.4037

Inverse Universe

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



54.1803, 45.1615, 70.8279



73.6493, 58.2564, 98.5057



49.3948, 61.9638, 59.4895



13.5843, 13.2628, 16.3381



24.0756, 11.6313, 36.3739



1.5687, 0.7571, 2.4037

Previews

White Background



This preview shows how the XYZ color 54.1789, 45.1595, 70.8269 looks on a white background.

Color Contrast Check

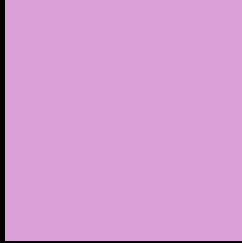
Large Text (above 18pt) WCAG AA × Fail

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 54.1789, 45.1595, 70.8269 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 54.1789, 45.1595, 70.8269

Background



This preview shows how black text looks on a background with the XYZ color 54.1789, 45.1595, 70.8269.



This preview shows how white text looks on a background with the XYZ color 54.1789, 45.1595,

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

54.1789, 45.1595, 70.8269

Protanopia

45.8603, 45.6577, 79.7945

Deuteranopia

46.1626, 45.1673, 69.2359



Tritanopia

49.7885, 45.2289, 49.2859

Trichromacy



Original Color

54.1789, 45.1595, 70.8269

Protanomaly

48.2672, 44.9467, 76.6526

Deuteranomaly

48.7605, 45.0738, 69.7485

Tritanomaly

51.2200, 45.0001, 56.4384

Monochromacy



Original Color

54.1789, 45.1595, 70.8269

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.3197, 46.5158, 58.6563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1789, 45.1595, 70.8269 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(219, 160, 216)` looks like.

```
.text, #text, p{  
    color:rgb(219, 160, 216)  
}
```

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(219, 160, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 160, 216) }
```

Border

The CSS property to change the border of an element to XYZ 54.1789, 45.1595, 70.8269 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(219, 160, 216) }
```


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

```
.border{ border-color:rgb(219, 160, 216) }
```

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

Here you see how a box with a 4 pixel rgb(219, 160, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 160, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 160, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 160,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1789, 45.1595, 70.8269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 160, 216) }
```

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

```
.background{ background-color: rgb(219,  
160, 216) }
```

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