

Converting Colors

XYZ(53.1126, 45.5633, 59.0673)

Have a look what the booklet for
XYZ(53.1126, 45.5633, 59.0673)
contains.

XYZ(52.9940, 45.5978, 58.8315)	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(52.9940, 45.5978,
58.8315)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA3C5
RGB	221, 163, 197
RGB Percent	87%, 64%, 77%
CMY	0.1333, 0.3608, 0.2274
CMYK	0.00, 0.26, 0.11, 0.13
HSL	325°, 46%, 75%
HSV	325°, 26%, 87%
XYZ	52.9940, 45.5978, 58.8315
YIQ	184.2180, 23.6540, 22.8700

Conversions

Conversions Part 2

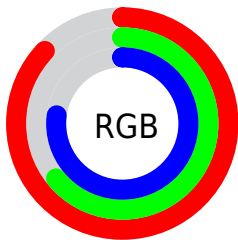
Format	Color
R _Y B	221, 163, 197
Decimal	14525381
CIE Lab	73.28, 26.68, -8.96
CIE LCh	73, 28.148, 341.440
Yxy	45.5978, 0.3366, 0.2897
Android (android.graphics.Color)	4292715461 (0xFFDDA3C5)
YUV	184.2180, 6.3015, 32.2578
Hunter-Lab	67.5261, 21.9147, -4.3875

Details

The XYZ color **52.9940, 45.5978, 58.8315** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.9322, 63.0885, 56.5622**, and the grayscale version is **45.6387, 48.0155, 52.2888**.

A 20% lighter version of the original color is **84.2008, 78.5586, 104.4914**, and **26.1594, 21.3514, 28.7291** is the 20% darker color. If you saturate the color by 10%, you get **48.3915, 38.0187, 52.2832**, and if you desaturate by 10%, it is **58.3484, 54.5777, 65.9452**.

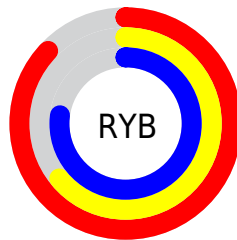
Distribution



Red (87%)

Green (64%)

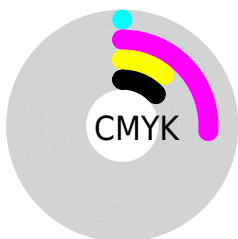
Blue (77%)



Red (87%)

Yellow (64%)

Blue (77%)

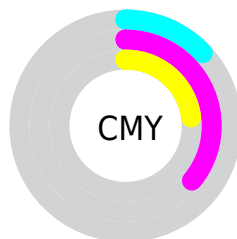


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9940, 45.5978, 58.8315 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 52.9940, 45.5978, 58.8315 by changing the saturation by 10% instead.


 52.9940, 45.5978,
58.8315


 52.9940, 45.5978,
58.8315


388.5233,
369.1893, 437.9617

 38.0254, 31.9286,
42.0584


 93.7611, 83.6167,
104.6594

 26.1797, 21.3069,
28.8211


 120.2904,
108.7352, 134.5513

 17.0915, 13.3485,
18.7011

151.4039,
138.4389, 169.6532

 10.3955, 7.6690,
11.2799

187.4671,
173.1122, 210.3837

 5.7262, 3.8839,
6.1389

228.8453,
213.1395, 257.1612

 2.7184, 1.6088,
2.8596

275.9038,

 1.0067, 0.3635,

258.9052, 310.4043

1.0234

329.0081,
310.7937, 370.5317

■ 0.0000, 0.0000,
0.0000

■ 52.9940, 45.5978,
58.8315

■ 52.9940, 45.5978,
58.8315

■ 48.3915, 38.0187,
52.2832

■ 58.3484, 54.5777,
65.9452

■ 44.5001, 31.7626,
46.2796

■ 64.4850, 65.0189,
73.6381

■ 41.2811, 26.7531,
40.8027

■ 71.4369, 76.9858,
81.9271

■ 38.6903, 22.9038,
35.8320

■ 79.2345, 90.5370,
90.8274

■ 36.6778, 20.1169,
31.3446

■ 81.7157, 93.3469,
98.2900

■ 35.1857, 18.2783,
27.3153

■ 83.1297, 93.9125,
105.7363

■ 34.1416, 17.2455,
23.7133

■ 83.6290, 94.1123,
108.3655

■ 33.8179, 16.9718,
22.4531

Harmonies

Analogous

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



49.9428, 45.5978, 72.9916



52.9940, 45.5978, 58.8315



53.3443, 45.5978, 44.4400

Triad

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



52.9940, 45.5978, 58.8315



41.4804, 45.5978, 27.4525



36.5941, 45.5978, 69.9428

Complementary

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



52.9940, 45.5978, 58.8315



49.9322, 63.0885, 56.5622

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.



34.6708, 45.5978, 55.2484



52.9940, 45.5978, 58.8315



37.3452, 45.5978, 31.9022

Square

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



52.9940, 45.5978, 58.8315



46.4373, 45.5978, 28.0465



34.9349, 45.5978, 41.4741



40.3823, 45.5978, 80.2010

Rectangle

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



52.9940, 45.5978, 58.8315



51.9698, 45.5978, 36.7541



34.9349, 45.5978, 41.4741



35.7215, 45.5978, 65.2522

Sweetspot

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



52.9953, 45.5999, 58.8325



87.5543, 87.1360, 99.8429



46.4486, 41.8814, 74.0429



18.4561, 18.1657, 21.0187



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.



52.9953, 45.5999, 58.8325



69.9789, 57.5804, 76.7352



50.0603, 44.4258, 43.3768



13.3746, 13.1789, 15.2338



19.7028, 9.8822, 13.3469



1.3190, 0.6572, 1.0885

Inverse Universe

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



52.9953, 45.5999, 58.8325



69.9789, 57.5804, 76.7352



53.2536, 64.4170, 74.0526



13.3746, 13.1789, 15.2338



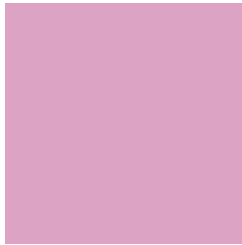
19.7028, 9.8822, 13.3469



1.3190, 0.6572, 1.0885

Previews

White Background



This preview shows how the XYZ color 52.9940, 45.5978, 58.8315 looks on a white background.

Color Contrast Check

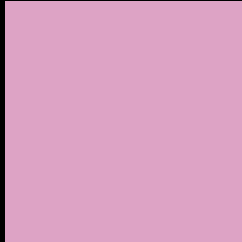
Large Text (above 18pt) WCAG AA × Fail

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 52.9940, 45.5978, 58.8315 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 52.9940, 45.5978, 58.8315

Background



This preview shows how black text looks on a background with the XYZ color 52.9940, 45.5978, 58.8315.



This preview shows how white text looks on a background with the XYZ color 52.9940, 45.5978,

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

52.9940, 45.5978, 58.8315

Protanopia

45.0618, 45.8592, 65.5082

Deuteranopia

46.6662, 45.6764, 57.9866



Tritanopia

50.9863, 45.5872, 48.7598

Trichromacy



Original Color

52.9940, 45.5978, 58.8315

Protanomaly

47.4613, 45.4054, 62.7626

Deuteranomaly

48.8838, 45.6679, 58.4629

Tritanomaly

51.8333, 45.6711, 52.5379

Monochromacy



Original Color

52.9940, 45.5978, 58.8315

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7366, 46.5951, 54.6219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9940, 45.5978, 58.8315 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(221, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(221, 163, 197)  
}
```

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(221, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 163, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.9940, 45.5978, 58.8315 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(221, 163, 197) }
```


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

```
.border{ border-color:rgb(221, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(221, 163,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9940, 45.5978, 58.8315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 163, 197) }
```

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

```
.background{ background-color: rgb(221,  
163, 197) }
```

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