

Converting Colors

XYZ(53.4677, 45.5156, 68.3774)

Have a look what the booklet for
XYZ(53.4677, 45.5156, 68.3774)
contains.

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Color

**XYZ(53.5961, 45.6996,
68.2834)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D9A3D4 |
| RGB | 217, 163, 212 |
| RGB Percent | 85%, 64%, 83% |
| CMY | 0.1490, 0.3608, 0.1686 |
| CMYK | 0.00, 0.25, 0.02, 0.15 |
| HSL | 306°, 42%, 75% |
| HSV | 306°, 25%, 85% |
| XYZ | 53.5961, 45.6996, 68.2834 |
| YIQ | 184.7320, 16.4550, 26.6870 |

Conversions

Conversions Part 2

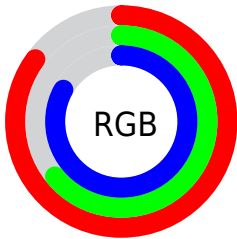
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 163, 212 |
| Decimal | 14263252 |
| CIE Lab | 73.35, 27.95, -17.14 |
| CIE LCh | 73, 32.787, 328.483 |
| Yxy | 45.6996, 0.3198, 0.2727 |
| Android (android.graphics.Color) | 4292453332 (0xFFD9A3D4) |
| YUV | 184.7320, 13.4431, 28.2990 |
| Hunter-Lab | 67.6015, 23.2166, -12.5670 |

Details

The XYZ color **53.5961, 45.6996, 68.2834** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.9868, 60.2407, 46.1995**, and the grayscale version is **45.8878, 48.2775, 52.5742**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **26.4682, 21.3803, 34.6301** is the 20% darker color. If you saturate the color by 10%, you get **49.8173, 38.5444, 65.7813**, and if you desaturate by 10%, it is **58.0419, 54.1822, 71.0244**.

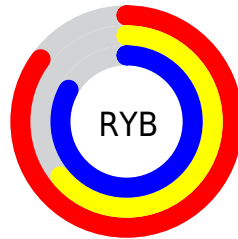
Distribution



Red (85%)

Green (64%)

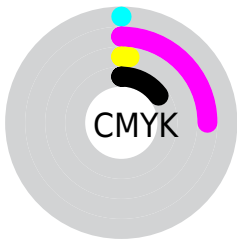
Blue (83%)



Red (85%)

Yellow (64%)

Blue (83%)

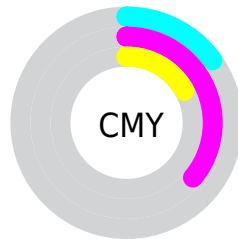


Cyan (0%)

Magenta (25%)

Yellow (2%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5961, 45.6996, 68.2834 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 53.5961, 45.6996, 68.2834 by changing the saturation by 10% instead.


 53.5961, 45.6996,
68.2834


 53.5961, 45.6996,
68.2834


390.7915,
369.5996, 473.1248

 38.5082, 32.0088,
49.6602


 94.6413, 83.7692,
118.4155

 26.5564, 21.3682,
34.7742


 121.3294,
108.9169, 150.7615

 17.3752, 13.3934,
23.2068


152.6149,
138.6523, 188.5189

 10.5993, 7.7000,
14.5396

188.8632,
173.3599, 232.1061

 5.8634, 3.9036,
8.3539

230.4396,
213.4240, 281.9418

 2.8021, 1.6198,
4.2312

277.7096,

 1.0500, 0.3709,

259.2291, 338.4444

1.7530

331.0384,
311.1595, 402.0326

■ 0.0000, 0.0000,
0.3967

■ 0.0000, 0.0000,
0.0000

■ 53.5961, 45.6996,
68.2834

■ 53.5961, 45.6996,
68.2834

■ 49.8173, 38.5444,
65.7813

■ 58.0419, 54.1822,
71.0244

■ 46.6676, 32.6432,
63.5040

■ 63.1819, 64.0488,
74.0119

■ 44.1116, 27.9243,
61.4400

■ 69.0468, 75.3602,
77.2567

■ 42.1088, 24.3069,
59.5758

■ 75.6643, 88.1717,
80.7681

40.6135, 21.6995,
57.8961

77.5669, 91.5484,
82.7237

39.5728, 19.9963,
56.3832

77.8380, 91.6568,
84.1512

38.9220, 19.0678,
55.0155

78.1123, 91.7666,
85.5958

38.6829, 18.7788,
54.3528

78.3899, 91.8776,
87.0573

78.6707, 91.9899,
88.5360

Harmonies

Analogous

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



48.9443, 45.6996, 83.2339



53.5961, 45.6996, 68.2834



55.4962, 45.6996, 50.6047

Triad

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



53.5961, 45.6996, 68.2834



43.7304, 45.6996, 24.2773



34.3969, 45.6996, 66.5007

Complementary

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



53.5961, 45.6996, 68.2834



46.9868, 60.2407, 46.1995

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.



33.2635, 45.6996, 48.9230



53.5961, 45.6996, 68.2834



38.3575, 45.6996, 26.7321

Square

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



53.5961, 45.6996, 68.2834



49.4970, 45.6996, 27.2917



34.6488, 45.6996, 34.9303



37.8913, 45.6996, 82.0547

Rectangle

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



53.5961, 45.6996, 68.2834



54.8297, 45.6996, 40.3511



34.6488, 45.6996, 34.9303



33.7415, 45.6996, 60.5263

Sweetspot

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



53.5975, 45.7016, 68.2844



89.3526, 89.0293, 105.6936



41.6659, 39.4766, 71.0701



19.0252, 18.8639, 22.5655



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.



53.5975, 45.7016, 68.2844



74.1903, 60.0722, 96.4234



50.5239, 44.4722, 52.0992



13.5597, 13.2530, 16.2085



23.4373, 11.3759, 33.0124



1.5339, 0.7432, 2.2203

Inverse Universe

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



53.5975, 45.7016, 68.2844



74.1903, 60.0722, 96.4234



49.7126, 61.3310, 60.5534



13.5597, 13.2530, 16.2085



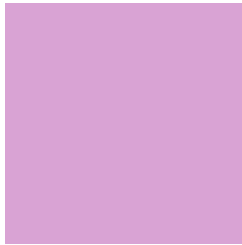
23.4373, 11.3759, 33.0124



1.5339, 0.7432, 2.2203

Previews

White Background



This preview shows how the XYZ color 53.5961, 45.6996, 68.2834 looks on a white background.

Color Contrast Check

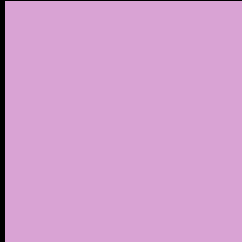
Large Text (above 18pt) WCAG AA × Fail

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 53.5961, 45.6996, 68.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

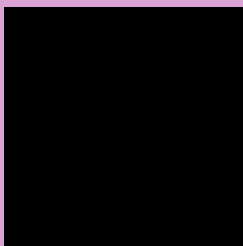
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5961, 45.6996, 68.2834

Background



This preview shows how black text looks on a background with the XYZ color 53.5961, 45.6996, 68.2834.



This preview shows how white text looks on a background with the XYZ color 53.5961, 45.6996,

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

53.5961, 45.6996, 68.2834

Protanopia

46.0169, 46.1140, 76.2876

Deuteranopia

46.9254, 45.8942, 67.3580



Tritanopia

50.0720, 45.8995, 50.4764

Trichromacy



Original Color

53.5961, 45.6996, 68.2834

Protanomaly

48.2233, 45.5664, 73.2714

Deuteranomaly

49.0857, 45.5647, 67.8358

Tritanomaly

51.1759, 45.7838, 56.5920

Monochromacy



Original Color

53.5961, 45.6996, 68.2834

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5984, 47.2547, 58.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5961, 45.6996, 68.2834 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(217, 163, 212)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 212)  
}
```

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(217, 163, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 212) }
```

Border

The CSS property to change the border of an element to XYZ 53.5961, 45.6996, 68.2834 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(217, 163, 212) }
```


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

```
.border{ border-color:rgb(217, 163, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 163, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 163, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 163, 212); box-shadow:4px 4px 4px 4px rgb(217, 163, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5961, 45.6996, 68.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 212) }
```

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

```
.background{ background-color: rgb(217,  
163, 212) }
```

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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