

Converting Colors

XYZ(58.9454, 53.2433, 69.4576)

Have a look what the booklet for
XYZ(58.9454, 53.2433, 69.4576)
contains.

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Color

**XYZ(58.9454, 53.2433,
69.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B4D4
RGB	224, 180, 212
RGB Percent	88%, 71%, 83%
CMY	0.1216, 0.2941, 0.1686
CMYK	0.00, 0.20, 0.05, 0.12
HSL	316°, 42%, 79%
HSV	316°, 20%, 88%
XYZ	58.9454, 53.2433, 69.4576
YIQ	196.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

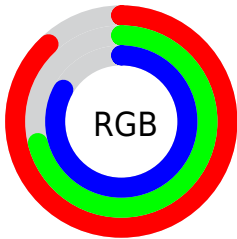
Format	Color
R _Y B	224, 180, 212
Decimal	14726356
CIE Lab	78.02, 21.14, -10.07
CIE LCh	78, 23.413, 334.536
Yxy	53.2433, 0.3245, 0.2931
Android (android.graphics.Color)	4292916436 (0xFFE0B4D4)
YUV	196.8040, 7.4916, 23.8509
Hunter-Lab	72.9680, 16.5028, -5.3600

Details

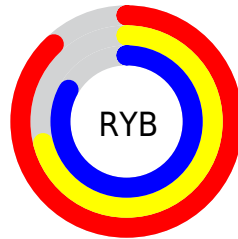
The XYZ color **58.9454, 53.2433, 69.4576** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.9946, 66.8219, 59.8716**, and the grayscale version is **52.9036, 55.6587, 60.6123**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **29.8236, 25.9379, 35.3329** is the 20% darker color. If you saturate the color by 10%, you get **54.0278, 44.6177, 64.0879**, and if you desaturate by 10%, it is **64.6260, 63.3468, 75.2268**.

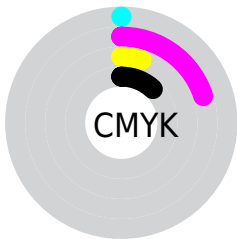
Distribution



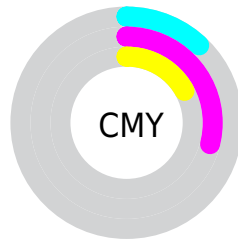
- Red (88%)
- Green (71%)
- Blue (83%)



- Red (88%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9454, 53.2433, 69.4576 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 58.9454, 53.2433, 69.4576 by changing the saturation by 10% instead.


 58.9454, 53.2433,
69.4576

 58.9454, 53.2433,
69.4576


410.5969,
399.2179, 477.3808

 42.8154, 37.9970,
50.6104


 102.4134, 94.9623,
120.1088

 29.9342, 25.9804,
35.5241


130.4821,
122.2038, 152.7498

 19.9365, 16.8090,
23.7801


163.2610,
154.2125, 190.8259

 12.4569, 10.0984,
14.9599

201.1155,
191.3728, 234.7556

 7.1300, 5.4642,
8.6449

244.4110,
234.0691, 284.9574

 3.5906, 2.5221,
4.4167

293.5128,

 1.4732, 0.8877,

282.6858, 341.8498

1.8566

348.7863,
337.6072, 405.8514

■ 0.3075, 0.0000,
0.4649

■ 0.0000, 0.0000,
0.0000

■ 58.9454, 53.2433,
69.4576

■ 58.9454, 53.2433,
69.4576

■ 54.0278, 44.6177,
64.0879

■ 64.6260, 63.3468,
75.2268

■ 49.8333, 37.3926,
59.1010

■ 71.0980, 74.9866,
81.4045

■ 46.3250, 31.4946,
54.4835

■ 78.3939, 88.2266,
88.0039

■ 43.4612, 26.8403,
50.2200

■ 81.7052, 93.4492,
93.4236

41.1953, 23.3371,
46.2933

82.6105, 93.8114,
98.1912

39.4741, 20.8794,
42.6839

83.5466, 94.1858,
103.1205

38.2347, 19.3418,
39.3692

84.5137, 94.5726,
108.2129

37.3715, 18.5137,
36.3123

84.5508, 94.5875,
108.4086

37.3431, 18.4884,
36.2058

Harmonies

Analogous

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



55.7433, 53.2433, 81.2255



58.9454, 53.2433, 69.4576



59.8630, 53.2433, 56.0090

Triad

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



58.9454, 53.2433, 69.4576



49.9157, 53.2433, 36.3643



43.7192, 53.2433, 73.4117

Complementary

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



58.9454, 53.2433, 69.4576



54.9946, 66.8219, 59.8716

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.



42.3565, 53.2433, 59.9822



58.9454, 53.2433, 69.4576



45.7947, 53.2433, 39.6444

Square

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



58.9454, 53.2433, 69.4576



54.4717, 53.2433, 38.1224



43.0930, 53.2433, 47.8296



46.9280, 53.2433, 83.7383

Rectangle

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



58.9454, 53.2433, 69.4576



59.0119, 53.2433, 48.1548



43.0930, 53.2433, 47.8296



43.0391, 53.2433, 69.0423

Sweetspot

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



58.9470, 53.2456, 69.4587



89.6971, 90.3578, 103.8370



51.4488, 49.1988, 77.3065



19.0793, 19.1256, 22.1101



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.



58.9470, 53.2456, 69.4587



75.9652, 65.9457, 89.8510



56.3871, 52.2217, 55.9785



14.1272, 13.8685, 16.4398



21.7868, 10.7817, 21.3408



1.5471, 0.7621, 1.6740

Inverse Universe

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



58.9470, 53.2456, 69.4587



75.9652, 65.9457, 89.8510



57.5834, 67.8574, 73.5042



14.1272, 13.8685, 16.4398



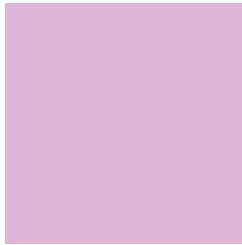
21.7868, 10.7817, 21.3408



1.5471, 0.7621, 1.6740

Previews

White Background



This preview shows how the XYZ color 58.9454, 53.2433, 69.4576 looks on a white background.

Color Contrast Check

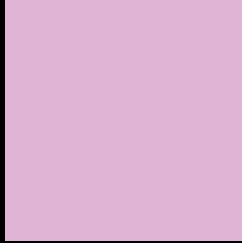
Large Text (above 18pt) WCAG AA × Fail

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 58.9454, 53.2433, 69.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

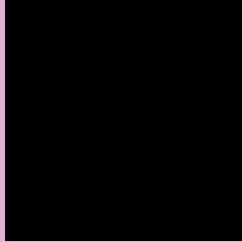
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9454, 53.2433, 69.4576

Background



This preview shows how black text looks on a background with the XYZ color 58.9454, 53.2433, 69.4576.



This preview shows how white text looks on a background with the XYZ color 58.9454, 53.2433,

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

58.9454, 53.2433, 69.4576

Protanopia

52.6221, 53.6326, 74.5965

Deuteranopia

54.6429, 53.5070, 69.0759



Tritanopia

57.1357, 53.4278, 60.1245

Trichromacy



Original Color

58.9454, 53.2433, 69.4576

Protanomaly

54.7350, 53.4809, 72.4037

Deuteranomaly

55.9708, 53.2500, 68.9563

Tritanomaly

57.8200, 53.4081, 63.1385

Monochromacy



Original Color

58.9454, 53.2433, 69.4576

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0236, 54.7913, 63.5528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9454, 53.2433, 69.4576 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, 180, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 180, 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(224, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.9454, 53.2433, 69.4576 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, 180, 212) }
```


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

```
.border{ border-color:rgb(224, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 180,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9454, 53.2433, 69.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 180, 212) }
```

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

```
.background{ background-color: rgb(224,  
180, 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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