

Converting Colors

XYZ(54.3564, 43.7635, 56.5122)

Have a look what the booklet for
XYZ(54.3564, 43.7635, 56.5122)
contains.

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Color

**XYZ(54.4075, 43.8333,
56.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	E899C2
RGB	232, 153, 194
RGB Percent	91%, 60%, 76%
CMY	0.0902, 0.4000, 0.2392
CMYK	0.00, 0.34, 0.16, 0.09
HSL	329°, 63%, 75%
HSV	329°, 34%, 91%
XYZ	54.4075, 43.8333, 56.6320
YIQ	181.2950, 33.9230, 29.4990

Conversions

Conversions Part 2

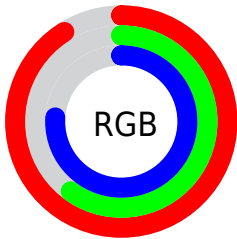
Format	Color
R _Y B	232, 153, 194
Decimal	15243714
CIE Lab	72.12, 35.34, -8.92
CIE LCh	72, 36.448, 345.841
Yxy	43.8333, 0.3513, 0.2830
Android (android.graphics.Color)	4293433794 (0xFFE899C2)
YUV	181.2950, 6.2636, 44.4683
Hunter-Lab	66.2067, 30.8263, -4.3709

Details

The XYZ color **54.4075, 43.8333, 56.6320** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.3993, 68.2482, 59.7575**, and the grayscale version is **44.0360, 46.3293, 50.4526**.

A 20% lighter version of the original color is **81.0512, 73.2739, 100.3139**, and **27.0665, 20.3148, 27.3055** is the 20% darker color. If you saturate the color by 10%, you get **49.7664, 36.4818, 49.1316**, and if you desaturate by 10%, it is **59.8835, 52.7029, 64.8761**.

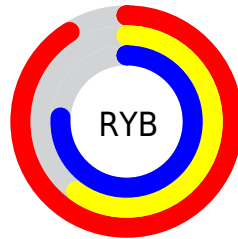
Distribution



Red (91%)

Green (60%)

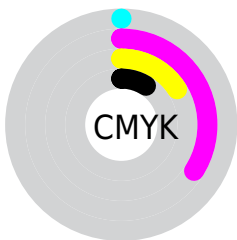
Blue (76%)



Red (91%)

Yellow (60%)

Blue (76%)

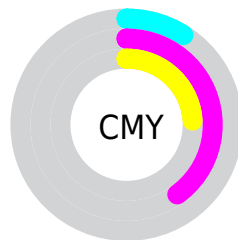


Cyan (0%)

Magenta (34%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (40%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4075, 43.8333, 56.6320 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 54.4075, 43.8333, 56.6320 by changing the saturation by 10% instead.


 54.4075, 43.8333,
56.6320


 54.4075, 43.8333,
56.6320


393.8351,
362.0276, 429.5240

 39.1595, 30.5395,
40.3025

 95.8257, 80.9668,
101.4230

 27.0651, 20.2484,
27.4589


 122.7266,
105.5754, 130.7216

 17.7590, 12.5758,
17.6827


154.2426,
134.7242, 165.1803

 10.8757, 7.1371,
10.5553

190.7389,
168.7978, 205.2176

 6.0500, 3.5480,
5.6583

232.5809,
208.1806, 251.2521

 2.9165, 1.4241,
2.5730

280.1341,

 1.1097, 0.2344,

253.2568, 303.7023

0.8785

333.7637,
304.4111, 362.9867

■ 0.0332, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4075, 43.8333,
56.6320

■ 54.4075, 43.8333,
56.6320

■ 49.7664, 36.4818,
49.1316

■ 59.8835, 52.7029,
64.8761

■ 45.9113, 30.5555,
42.3471

■ 66.2321, 63.1643,
73.8848

■ 42.7941, 25.9610,
36.2524

■ 73.4931, 75.2936,
83.6815

■ 40.3592, 22.5906,
30.8181

■ 81.7027, 89.1603,
94.2874

■ 38.5426, 20.3202,
26.0116

■ 86.2631, 95.5656,
104.1790

■ 37.2667, 18.9981,
21.7952

■ 87.0889, 95.8959,
108.5274

■ 36.6933, 18.5217,
19.5376

Harmonies

Analogous

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



50.8728, 43.8333, 75.8789



54.4075, 43.8333, 56.6320



54.2987, 43.8333, 38.9511

Triad

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



54.4075, 43.8333, 56.6320



38.4732, 43.8333, 21.7217



33.8528, 43.8333, 76.8546

Complementary

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



54.4075, 43.8333, 56.6320



51.3993, 68.2482, 59.7575

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.



31.1562, 43.8333, 57.7310



54.4075, 43.8333, 56.6320



33.6364, 43.8333, 27.5738

Square

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



54.4075, 43.8333, 56.6320



44.6655, 43.8333, 21.5676



31.0812, 43.8333, 39.8082



38.7967, 43.8333, 89.3817

Rectangle

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



54.4075, 43.8333, 56.6320



52.1610, 43.8333, 30.3069



31.0812, 43.8333, 39.8082



32.6762, 43.8333, 70.7979

Sweetspot

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



54.4088, 43.8353, 56.6329



85.5353, 84.0307, 96.2945



47.1605, 39.5410, 81.4909



18.0420, 17.5425, 20.2490



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.



54.4088, 43.8353, 56.6329



63.2024, 47.6102, 63.4311



50.6413, 42.3283, 36.7935



14.6878, 14.4923, 16.5562



20.4347, 10.3081, 11.1839



1.5570, 0.7805, 1.0735

Inverse Universe

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



54.4088, 43.8353, 56.6329



63.2024, 47.6102, 63.4311



56.1890, 70.1641, 84.9796



14.6878, 14.4923, 16.5562



20.4347, 10.3081, 11.1839



1.5570, 0.7805, 1.0735

Previews

White Background



This preview shows how the XYZ color 54.4075, 43.8333, 56.6320 looks on a white background.

Color Contrast Check

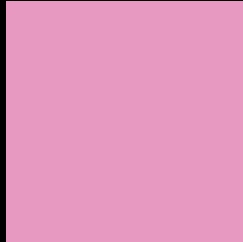
Large Text (above 18pt) WCAG AA × Fail

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 54.4075, 43.8333, 56.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

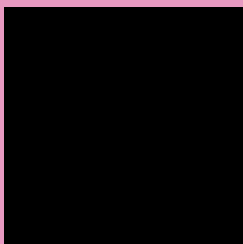
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4075, 43.8333, 56.6320

Background



This preview shows how black text looks on a background with the XYZ color 54.4075, 43.8333, 56.6320.



This preview shows how white text looks on a background with the XYZ color 54.4075, 43.8333,

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

54.4075, 43.8333, 56.6320

Protanopia

43.8285, 44.3120, 66.5647

Deuteranopia

44.8955, 43.9580, 55.4087



Tritanopia

51.5315, 43.6365, 43.2428

Trichromacy



Original Color

54.4075, 43.8333, 56.6320



Protanomaly

46.8940, 43.7024, 63.0906



Deuteranomaly

47.8714, 43.5534, 55.7527



Tritanomaly

52.5575, 43.8143, 47.8064

Monochromacy



Original Color

54.4075, 43.8333, 56.6320



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.2453, 44.9504, 52.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4075, 43.8333, 56.6320 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(232, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 194)  
}
```

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(232, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.4075, 43.8333, 56.6320 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(232, 153, 194) }
```


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

```
.border{ border-color:rgb(232, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(232, 153,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4075, 43.8333, 56.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 194) }
```

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

```
.background{ background-color: rgb(232,  
153, 194) }
```

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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