

Converting Colors

XYZ(54.7057, 43.3956, 69.4655)

Have a look what the booklet for
XYZ(54.7057, 43.3956, 69.4655)
contains.

XYZ(54.8580, 43.5315, 69.8011)	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(54.8580, 43.5315,
69.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	E298D7
RGB	226, 152, 215
RGB Percent	89%, 60%, 84%
CMY	0.1137, 0.4039, 0.1569
CMYK	0.00, 0.33, 0.05, 0.11
HSL	309°, 56%, 74%
HSV	309°, 33%, 89%
XYZ	54.8580, 43.5315, 69.8011
YIQ	181.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

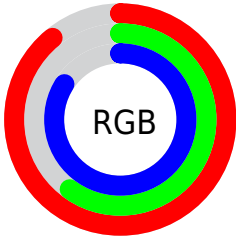
Format	Color
RYB	226, 152, 215
Decimal	14850263
CIELab	71.91, 37.36, -20.87
CIELCh	72, 42.793, 330.805
Yxy	43.5315, 0.3262, 0.2588
Android (android.graphics.Color)	4293040343 (0xFFE298D7)
YUV	181.3080, 16.6102, 39.1949
Hunter-Lab	65.9784, 32.9523, -16.5403

Details

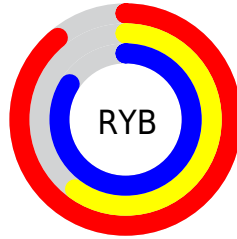
The XYZ color **54.8580, 43.5315, 69.8011** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.7579, 63.7138, 44.4865**, and the grayscale version is **43.9926, 46.2837, 50.4029**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **27.4799, 20.1985, 35.7080** is the 20% darker color. If you saturate the color by 10%, you get **51.1066, 36.7118, 66.4428**, and if you desaturate by 10%, it is **59.3198, 51.7563, 73.4409**.

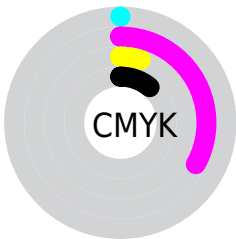
Distribution



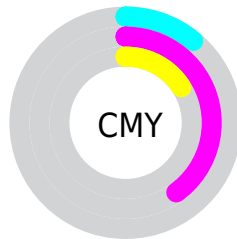
- Red (89%)
- Green (60%)
- Blue (84%)



- Red (89%)
- Yellow (60%)
- Blue (84%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8580, 43.5315, 69.8011 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 54.8580, 43.5315, 69.8011 by changing the saturation by 10% instead.


 54.8580, 43.5315,
69.8011


 54.8580, 43.5315,
69.8011


395.5186,
360.7930, 478.6216

 39.5214, 30.3024,
50.8886

 96.4824, 80.5123,
120.6035

 27.3482, 20.0682,
35.7438


 123.5010,
105.0328, 153.3305

 17.9728, 12.4446,
23.9483


155.1442,
134.0858, 191.4994

 11.0300, 7.0473,
15.0834

191.7776,
168.0557, 235.5288

 6.1545, 3.4917,
8.7307

233.7663,
207.3270, 285.8371

 2.9808, 1.3935,
4.4715

281.4758,

 1.1436, 0.2119,

252.2841, 342.8430

1.8874

335.2715,
303.3113, 406.9650

■ 0.0611, 0.0000,
0.4847

■ 0.0000, 0.0000,
0.0000

■ 54.8580, 43.5315,
69.8011

■ 54.8580, 43.5315,
69.8011

■ 51.1066, 36.7118,
66.4428

■ 59.3198, 51.7563,
73.4409

■ 48.0216, 31.2116,
63.3497

■ 64.5247, 61.4538,
77.3719

■ 45.5607, 26.9454,
60.5078

■ 70.5082, 72.6939,
81.6067

■ 43.6745, 23.8149,
57.9004

■ 77.3022, 85.5409,
86.1562

42.3065, 21.7068,
55.5085

81.6615, 93.5038,
89.9388

41.3883, 20.4846,
53.3090

82.1429, 93.6963,
92.4739

40.9237, 19.9926,
51.8061

82.6334, 93.8926,
95.0572

83.1332, 94.0925,
97.6891

83.6423, 94.2961,
100.3699

Harmonies

Analogous

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



48.9770, 43.5315, 90.9167



54.8580, 43.5315, 69.8011



57.0336, 43.5315, 46.8369

Triad

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



54.8580, 43.5315, 69.8011



41.1788, 43.5315, 17.5228



30.4656, 43.5315, 71.0727

Complementary

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



54.8580, 43.5315, 69.8011



46.7579, 63.7138, 44.4865

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.



28.8824, 43.5315, 47.9644



54.8580, 43.5315, 69.8011



34.6040, 43.5315, 20.6028

Square

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



54.8580, 43.5315, 69.8011



48.5965, 43.5315, 20.2810



30.3054, 43.5315, 30.3892



34.9076, 43.5315, 91.7898

Rectangle

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



54.8580, 43.5315, 69.8011



55.9108, 43.5315, 34.5217



30.3054, 43.5315, 30.3892



29.6066, 43.5315, 63.1347

Sweetspot

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



54.8594, 43.5334, 69.8020



86.8435, 84.5540, 103.1832



39.8309, 35.6171, 76.7279



18.3594, 17.6695, 21.9206



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.



54.8594, 43.5334, 69.8020



68.8133, 51.1903, 88.8601



50.7440, 41.8873, 48.1311



14.2028, 13.8988, 16.8383



23.3816, 11.4196, 29.7388



1.6448, 0.8012, 2.1885

Inverse Universe

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



54.8594, 43.5334, 69.8020



68.8133, 51.1903, 88.8601



50.4402, 65.1867, 63.8771



14.2028, 13.8988, 16.8383



23.3816, 11.4196, 29.7388



1.6448, 0.8012, 2.1885

Previews

White Background



This preview shows how the XYZ color 54.8580, 43.5315, 69.8011 looks on a white background.

Color Contrast Check

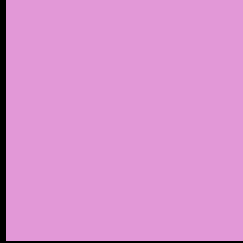
Large Text (above 18pt) WCAG AA × Fail

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 54.8580, 43.5315, 69.8011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

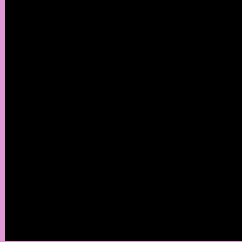
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8580, 43.5315, 69.8011

Background



This preview shows how black text looks on a background with the XYZ color 54.8580, 43.5315, 69.8011.



This preview shows how white text looks on a background with the XYZ color 54.8580, 43.5315,

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

54.8580, 43.5315, 69.8011

Protanopia

44.4517, 44.0065, 81.7526

Deuteranopia

44.8329, 43.9374, 67.7458



Tritanopia

49.8360, 43.4923, 44.7979

Trichromacy



Original Color

54.8580, 43.5315, 69.8011



Protanomaly

47.4169, 43.3880, 77.1097



Deuteranomaly

47.8445, 43.2658, 68.1168



Tritanomaly

51.5655, 43.4328, 53.2425

Monochromacy



Original Color

54.8580, 43.5315, 69.8011



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.0263, 44.4700, 56.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8580, 43.5315, 69.8011 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(226, 152, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 152, 215)  
}
```

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(226, 152, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 152, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.8580, 43.5315, 69.8011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

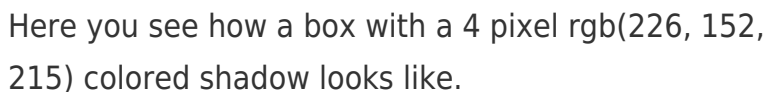
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 152, 215) }
```


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

```
.border{ border-color:rgb(226, 152, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 152, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 152, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 152, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 152,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8580, 43.5315, 69.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 152, 215) }
```

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

```
.background{ background-color: rgb(226,  
152, 215) }
```

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