

Converting Colors

XYZ(54.9180, 44.0855, 68.6746)

Have a look what the booklet for
XYZ(54.9180, 44.0855, 68.6746)
contains.

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Color

**XYZ(54.9299, 44.0840,
68.5647)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E29AD5 |
| RGB | 226, 154, 213 |
| RGB Percent | 89%, 60%, 84% |
| CMY | 0.1137, 0.3961, 0.1647 |
| CMYK | 0.00, 0.32, 0.06, 0.11 |
| HSL | 311°, 55%, 75% |
| HSV | 311°, 32%, 89% |
| XYZ | 54.9299, 44.0840, 68.5647 |
| YIQ | 182.2540, 23.9730, 33.6130 |

Conversions

Conversions Part 2

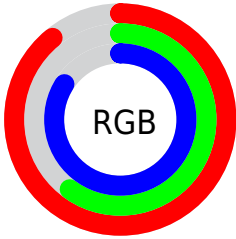
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 226, 154, 213 |
| Decimal | 14850773 |
| CIELab | 72.28, 35.94, -19.21 |
| CIELCh | 72, 40.754, 331.875 |
| Yxy | 44.0840, 0.3278, 0.2631 |
| Android (android.graphics.Color) | 4293040853 (0xFFE29AD5) |
| YUV | 182.2540, 15.1578, 38.3652 |
| Hunter-Lab | 66.3958, 31.4822, -14.7497 |

Details

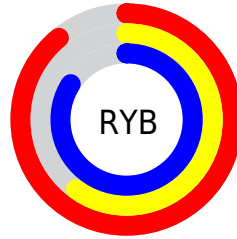
The XYZ color **54.9299, 44.0840, 68.5647** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4997, 64.0542, 46.4221**, and the grayscale version is **44.5138, 46.8319, 51.0000**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **27.5005, 20.5174, 34.8586** is the 20% darker color. If you saturate the color by 10%, you get **51.0340, 37.1100, 64.7428**, and if you desaturate by 10%, it is **59.5438, 52.4715, 72.6912**.

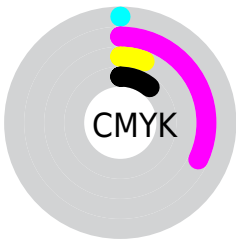
Distribution



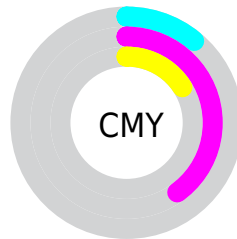
- Red (89%)
- Green (60%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9299, 44.0840, 68.5647 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 54.9299, 44.0840, 68.5647 by changing the saturation by 10% instead.


 54.9299, 44.0840,
68.5647


 54.9299, 44.0840,
68.5647

395.7869,
363.0509, 474.1465

 39.5792, 30.7366,
49.8877

 96.5872, 81.3441,
118.8215

 27.3934, 20.3983,
34.9536


 123.6245,
106.0256, 151.2383

 18.0070, 12.6849,
23.3439


155.2880,
135.2539, 189.0723

 11.0547, 7.2119,
14.6400

191.9431,
169.4133, 232.7418

 6.1712, 3.5950,
8.4233

233.9552,
208.8884, 282.6654

 2.9911, 1.4497,
4.2753

281.6897,

 1.1491, 0.2529,

254.0634, 339.2617

1.7776

335.5118,
305.3228, 402.9492

■ 0.0656, 0.0000,
0.4131

■ 0.0000, 0.0000,
0.0000

■ 54.9299, 44.0840,
68.5647

■ 54.9299, 44.0840,
68.5647

■ 51.0340, 37.1100,
64.7428

■ 59.5438, 52.4715,
72.6912

■ 47.8123, 31.4646,
61.2090

■ 64.9080, 62.3395,
77.1321

■ 45.2228, 27.0629,
57.9494

■ 71.0580, 73.7578,
81.9002

■ 43.2167, 23.8077,
54.9471

■ 78.0256, 86.7900,
87.0064

41.7382, 21.5874,
52.1831

81.8905, 93.5954,
91.1446

40.7201, 20.2679,
49.6345

82.4818, 93.8319,
94.2582

40.1417, 19.6799,
47.6881

83.0866, 94.0738,
97.4432

83.7051, 94.3212,
100.7003

84.3374, 94.5742,
104.0299

Harmonies

Analogous

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



49.4192, 44.0840, 88.7490



54.9299, 44.0840, 68.5647



56.8472, 44.0840, 46.7493

Triad

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



54.9299, 44.0840, 68.5647



41.4615, 44.0840, 18.8577



31.4766, 44.0840, 71.3741

Complementary

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



54.9299, 44.0840, 68.5647



47.4997, 64.0542, 46.4221

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.



29.8343, 44.0840, 49.2728



54.9299, 44.0840, 68.5647



35.1859, 44.0840, 22.1392

Square

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



54.9299, 44.0840, 68.5647



48.5723, 44.0840, 21.3945



31.1139, 44.0840, 32.0229



35.8695, 44.0840, 90.6634

Rectangle

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



54.9299, 44.0840, 68.5647



55.6762, 44.0840, 35.0202



31.1139, 44.0840, 32.0229



30.6081, 44.0840, 63.8458

Sweetspot

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



54.9313, 44.0860, 68.5656



86.7153, 84.5027, 102.5082



41.0109, 36.7114, 76.8770



18.3282, 17.6570, 21.7563



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.



54.9313, 44.0860, 68.5656



68.8435, 51.8917, 86.8939



50.9572, 42.4963, 47.6384



14.1833, 13.8909, 16.7352



22.9409, 11.2434, 27.4181



1.6182, 0.7906, 2.0482

Inverse Universe

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



54.9313, 44.0860, 68.5656



68.8435, 51.8917, 86.8939



51.1851, 65.5284, 65.8293



14.1833, 13.8909, 16.7352



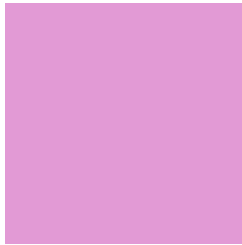
22.9409, 11.2434, 27.4181



1.6182, 0.7906, 2.0482

Previews

White Background



This preview shows how the XYZ color 54.9299, 44.0840, 68.5647 looks on a white background.

Color Contrast Check

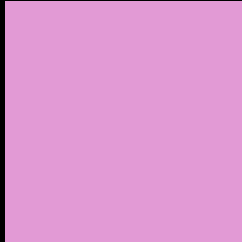
Large Text (above 18pt) WCAG AA × Fail

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 54.9299, 44.0840, 68.5647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

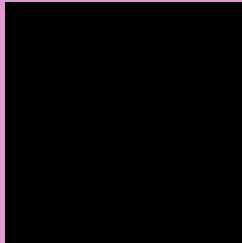
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9299, 44.0840, 68.5647

Background



This preview shows how black text looks on a background with the XYZ color 54.9299, 44.0840, 68.5647.



This preview shows how white text looks on a background with the XYZ color 54.9299, 44.0840,

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

54.9299, 44.0840, 68.5647

Protanopia

44.8388, 44.5446, 79.6335

Deuteranopia

45.0426, 44.0743, 66.4548



Tritanopia

50.2036, 43.9179, 45.8754

Trichromacy



Original Color

54.9299, 44.0840, 68.5647



Protanomaly

47.8154, 43.8978, 75.7650



Deuteranomaly

48.0340, 43.6613, 66.8686



Tritanomaly

51.7354, 43.7725, 53.2991

Monochromacy



Original Color

54.9299, 44.0840, 68.5647



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.6669, 45.3611, 56.6953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9299, 44.0840, 68.5647 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, 154, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 154, 213)  
}
```

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, 154, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.9299, 44.0840, 68.5647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

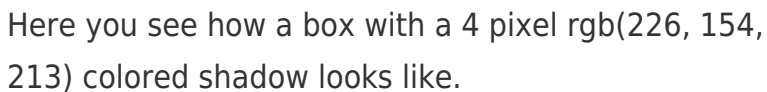
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 154, 213) }
```


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

```
.border{ border-color:rgb(226, 154, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 154, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 154, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 154, 213); box-shadow:4px 4px 4px 4px rgb(226, 154, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9299, 44.0840, 68.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 154, 213) }
```

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

```
.background{ background-color: rgb(226,  
154, 213) }
```

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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