

Converting Colors

XYZ(54.8934, 48.2547, 69.0011)

Have a look what the booklet for
XYZ(54.8934, 48.2547, 69.0011)
contains.

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Color

**XYZ(54.8737, 48.2546,
68.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AAD4
RGB	217, 170, 212
RGB Percent	85%, 67%, 83%
CMY	0.1490, 0.3333, 0.1686
CMYK	0.00, 0.22, 0.02, 0.15
HSL	306°, 38%, 76%
HSV	306°, 22%, 85%
XYZ	54.8737, 48.2546, 68.7093
YIQ	188.8410, 14.5300, 23.0260

Conversions

Conversions Part 2

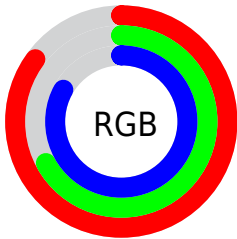
Format	Color
R _Y B	217, 170, 212
Decimal	14265044
CIE Lab	74.99, 24.16, -14.68
CIE LCh	75, 28.267, 328.724
Yxy	48.2546, 0.3193, 0.2808
Android (android.graphics.Color)	4292455124 (0xFFD9AAD4)
YUV	188.8410, 11.4174, 24.6954
Hunter-Lab	69.4655, 19.4399, -10.0187

Details

The XYZ color **54.8737, 48.2546, 68.7093** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1302, 61.2684, 49.7967**, and the grayscale version is **48.2112, 50.7219, 55.2362**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **27.3474, 22.8383, 34.8652** is the 20% darker color. If you saturate the color by 10%, you get **50.8480, 40.6653, 65.9411**, and if you desaturate by 10%, it is **59.5779, 57.1927, 71.7253**.

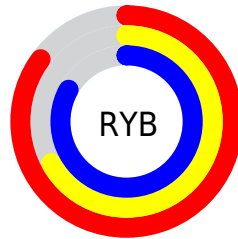
Distribution



Red (85%)

Green (67%)

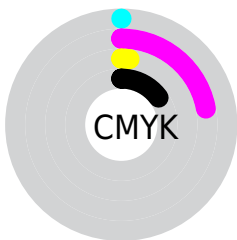
Blue (83%)



Red (85%)

Yellow (67%)

Blue (83%)

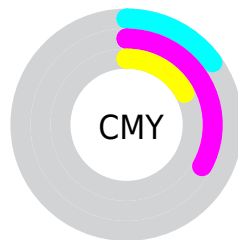


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8737, 48.2546, 68.7093 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 54.8737, 48.2546, 68.7093 by changing the saturation by 10% instead.


 54.8737, 48.2546,
68.7093


 54.8737, 48.2546,
68.7093


395.5772,
379.8004, 474.6712

 39.5341, 34.0286,
50.0047


 96.5053, 87.5834,
119.0301

 27.3580, 22.9155,
35.0459


 123.5279,
113.4549, 151.4833

 17.9803, 14.5312,
23.4144


155.1756,
143.9770, 189.3565

 11.0354, 8.4910,
14.6916

191.8137,
179.5341, 233.0683

 6.1581, 4.4107,
8.4591

233.8076,
220.5106, 283.0371

 2.9830, 1.9059,
4.2981

281.5225,

 1.1448, 0.5519,

267.2909, 339.6815

1.7903

335.3239,
320.2594, 403.4200

■ 0.0621, 0.0000,
0.4215

■ 0.0000, 0.0000,
0.0000

■ 54.8737, 48.2546,
68.7093

■ 54.8737, 48.2546,
68.7093

■ 50.8480, 40.6653,
65.9411

■ 59.5779, 57.1927,
71.7253

■ 47.4635, 34.3525,
63.4066

■ 64.9869, 67.5344,
74.9963

■ 44.6860, 29.2470,
61.0948

■ 71.1309, 79.3396,
78.5331

■ 42.4762, 25.2704,
58.9925

■ 77.4584, 91.5050,
82.1518

40.7903, 22.3350,
57.0850

77.7687, 91.6291,
83.7856

39.5780, 20.3404,
55.3556

78.0832, 91.7549,
85.4419

38.7792, 19.1661,
53.7840

78.4020, 91.8825,
87.1206

38.3435, 18.6431,
52.5651

78.7251, 92.0117,
88.8218

79.0524, 92.1426,
90.5457

Harmonies

Analogous

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



50.7978, 48.2546, 81.5922



54.8737, 48.2546, 68.7093



56.5112, 48.2546, 53.1761

Triad

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



54.8737, 48.2546, 68.7093



46.0858, 48.2546, 28.9535



37.7056, 48.2546, 67.4075

Complementary

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



54.8737, 48.2546, 68.7093



49.1302, 61.2684, 49.7967

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.



36.6468, 48.2546, 51.9111



54.8737, 48.2546, 68.7093



41.2615, 48.2546, 31.3618

Square

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



54.8737, 48.2546, 68.7093



51.2084, 48.2546, 31.8124



37.8997, 48.2546, 39.1318



40.9060, 48.2546, 80.7470

Rectangle

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



54.8737, 48.2546, 68.7093



55.9130, 48.2546, 43.9407



37.8997, 48.2546, 39.1318



37.0985, 48.2546, 62.1963

Sweetspot

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



54.8752, 48.2567, 68.7103



90.1008, 90.5193, 105.9627



44.5131, 42.8409, 71.5697



19.1749, 19.1638, 22.6137



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.



54.8752, 48.2567, 68.7103



76.3080, 64.3002, 97.1521



52.1553, 47.1688, 54.3880



13.5516, 13.2497, 16.1658



23.2344, 11.2948, 31.9440



1.5227, 0.7387, 2.1616

Inverse Universe

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



54.8752, 48.2567, 68.7103



76.3080, 64.3002, 97.1521



51.6083, 62.2597, 62.8461



13.5516, 13.2497, 16.1658



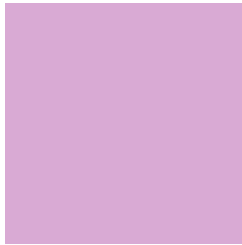
23.2344, 11.2948, 31.9440



1.5227, 0.7387, 2.1616

Previews

White Background



This preview shows how the XYZ color 54.8737, 48.2546, 68.7093 looks on a white background.

Color Contrast Check

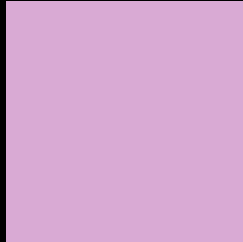
Large Text (above 18pt) WCAG AA × Fail

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 54.8737, 48.2546, 68.7093 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 54.8737, 48.2546, 68.7093

Background



This preview shows how black text looks on a background with the XYZ color 54.8737, 48.2546, 68.7093.



This preview shows how white text looks on a background with the XYZ color 54.8737, 48.2546,

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

54.8737, 48.2546, 68.7093

Protanopia

48.1161, 48.4345, 75.2194

Deuteranopia

49.4400, 48.3720, 67.7037



Tritanopia

51.9447, 48.1991, 54.1425

Trichromacy



Original Color

54.8737, 48.2546, 68.7093

Protanomaly

50.3135, 48.1092, 72.9639

Deuteranomaly

51.1026, 48.0332, 68.2059

Tritanomaly

53.0459, 48.3654, 59.3630

Monochromacy



Original Color

54.8737, 48.2546, 68.7093

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.3592, 49.6292, 59.7485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8737, 48.2546, 68.7093 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, 170, 212)` looks like.

```
.text, #text, p{  
    color:rgb(217, 170, 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, 170, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 170, 212) }
```

Border

The CSS property to change the border of an element to XYZ 54.8737, 48.2546, 68.7093 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, 170, 212) }
```


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

```
.border{ border-color:rgb(217, 170, 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, 170, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 170, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 170, 212);  
box-shadow:4px 4px 4px 4px rgb(217, 170,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8737, 48.2546, 68.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 170, 212) }
```

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

```
.background{ background-color: rgb(217,  
170, 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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