

Converting Colors

XYZ(54.4097, 48.9609, 67.1843)

Have a look what the booklet for
XYZ(54.4097, 48.9609, 67.1843)
contains.

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Color

**XYZ(54.1837, 48.7867,
66.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ADD1
RGB	214, 173, 209
RGB Percent	84%, 68%, 82%
CMY	0.1608, 0.3215, 0.1804
CMYK	0.00, 0.19, 0.02, 0.16
HSL	307°, 33%, 76%
HSV	307°, 19%, 84%
XYZ	54.1837, 48.7867, 66.8826
YIQ	189.3630, 12.8800, 19.8880

Conversions

Conversions Part 2

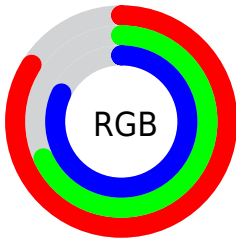
Format	Color
R_{YB}	214, 173, 209
Decimal	14069201
CIE _{Lab}	75.32, 20.97, -12.57
CIE _{LCh}	75, 24.448, 329.067
Yxy	48.7867, 0.3190, 0.2872
Android (android.graphics.Color)	4292259281 (0xFFD6ADD1)
YUV	189.3630, 9.6810, 21.6066
Hunter-Lab	69.8475, 16.2371, -7.8800

Details

The XYZ color **54.1837, 48.7867, 66.8826** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3179, 60.1931, 51.1412**, and the grayscale version is **48.5199, 51.0467, 55.5899**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **26.9309, 23.1704, 34.0633** is the 20% darker color. If you saturate the color by 10%, you get **50.0842, 41.1000, 63.9353**, and if you desaturate by 10%, it is **58.9486, 57.7943, 70.0790**.

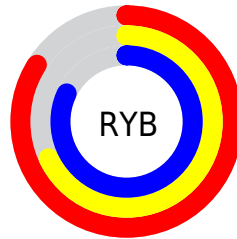
Distribution



Red (84%)

Green (68%)

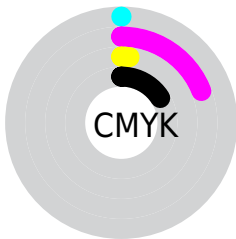
Blue (82%)



Red (84%)

Yellow (68%)

Blue (82%)

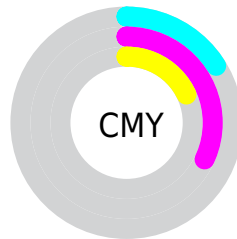


Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1837, 48.7867, 66.8826 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 54.1837, 48.7867, 66.8826 by changing the saturation by 10% instead.

■ 54.1837, 48.7867,
66.8826

■ 54.1837, 48.7867,
66.8826

392.9971,
381.9020, 468.0169

■ 38.9798, 34.4503,
48.5282

■ 95.4992, 88.3746,
116.3912

■ 26.9247, 23.2398,
33.8824

122.3416,
114.3948, 148.3826

■ 17.6529, 14.7706,
22.5267

153.7941,
145.0785, 185.7566

■ 10.7993, 8.6586,
14.0424

190.2222,
180.8100, 228.9320

■ 5.9983, 4.5192,
8.0111

231.9912,
221.9737, 278.3271

■ 2.8847, 1.9680,
4.0142

279.4664,

■ 1.0931, 0.5888,

268.9540, 334.3606

1.6331

333.0132,
322.1353, 397.4510

■ 0.0193, 0.0000,
0.3143

■ 0.0000, 0.0000,
0.0000

■ 54.1837, 48.7867,
66.8826

■ 54.1837, 48.7867,
66.8826

■ 50.0842, 41.1000,
63.9353

■ 58.9486, 57.7943,
70.0790

■ 46.6146, 34.6652,
61.2234

■ 64.4037, 68.1746,
73.5311

■ 43.7425, 29.4170,
58.7365

■ 70.5780, 79.9846,
77.2493

■ 41.4308, 25.2815,
56.4622

■ 76.3362, 90.9541,
80.8553

39.6386, 22.1765,
54.3866

76.6836, 91.0930,
82.6843

38.3190, 20.0085,
52.4941

77.0363, 91.2341,
84.5418

37.4167, 18.6670,
50.7661

77.3945, 91.3774,
86.4280

36.8416, 17.9715,
49.1724

77.7581, 91.5228,
88.3429

36.7983, 17.9229,
49.0410

78.1273, 91.6705,
90.2867

Harmonies

Analogous

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



50.6961, 48.7867, 77.8175



54.1837, 48.7867, 66.8826



55.5572, 48.7867, 53.5242

Triad

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



54.1837, 48.7867, 66.8826



46.5111, 48.7867, 32.0208



39.2207, 48.7867, 66.0726

Complementary

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



54.1837, 48.7867, 66.8826



49.3179, 60.1931, 51.1412

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.



38.2564, 48.7867, 52.7187



54.1837, 48.7867, 66.8826



42.2978, 48.7867, 34.2943

Square

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



54.1837, 48.7867, 66.8826



50.9550, 48.7867, 34.5960



39.3466, 48.7867, 41.3888



42.0692, 48.7867, 77.2992

Rectangle

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



54.1837, 48.7867, 66.8826



55.0254, 48.7867, 45.4397



39.3466, 48.7867, 41.3888



38.6740, 48.7867, 61.6213

Sweetspot

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



54.1852, 48.7888, 66.8836



90.0628, 90.5041, 105.7627



45.3937, 44.1840, 69.7549



19.1659, 19.1602, 22.5663



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.



54.1852, 48.7888, 66.8836



77.9785, 67.6657, 97.6333



51.8313, 47.8473, 54.4886



12.8848, 12.6054, 15.3335



22.2680, 10.8435, 29.7789



1.3619, 0.6615, 1.8950

Inverse Universe

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



54.1852, 48.7888, 66.8836



77.9785, 67.6657, 97.6333



51.5076, 61.0689, 62.6719



12.8848, 12.6054, 15.3335



22.2680, 10.8435, 29.7789



1.3619, 0.6615, 1.8950

Previews

White Background



This preview shows how the XYZ color 54.1837, 48.7867, 66.8826 looks on a white background.

Color Contrast Check

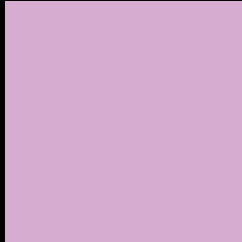
Large Text (above 18pt) WCAG AA × Fail

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 54.1837, 48.7867, 66.8826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

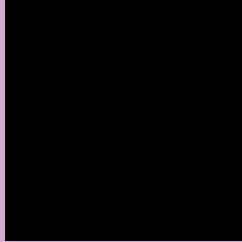
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1837, 48.7867, 66.8826

Background



This preview shows how black text looks on a background with the XYZ color 54.1837, 48.7867, 66.8826.



This preview shows how white text looks on a background with the XYZ color 54.1837, 48.7867,

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

54.1837, 48.7867, 66.8826

Protanopia

48.3576, 48.9421, 71.8638

Deuteranopia

50.1572, 49.0711, 66.5026



Tritanopia

51.6836, 48.6173, 55.3752

Trichromacy



Original Color

54.1837, 48.7867, 66.8826

Protanomaly

50.0697, 48.6531, 69.7028

Deuteranomaly

51.3930, 48.8124, 66.3875

Tritanomaly

52.5594, 48.6882, 59.4509

Monochromacy



Original Color

54.1837, 48.7867, 66.8826

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.1860, 49.8583, 59.2031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1837, 48.7867, 66.8826 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(214, 173, 209) looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 209)  
}
```

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(214, 173, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 209) }
```

Border

The CSS property to change the border of an element to XYZ 54.1837, 48.7867, 66.8826 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(214, 173, 209) }
```


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

```
.border{ border-color:rgb(214, 173, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 209);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1837, 48.7867, 66.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 209) }
```

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

```
.background{ background-color: rgb(214,  
173, 209) }
```

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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