

Converting Colors

XYZ(50.7483, 43.4099, 57.1886)

Have a look what the booklet for
XYZ(50.7483, 43.4099, 57.1886)
contains.

XYZ(50.8637, 43.4881, 57.3430)	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(50.8637, 43.4881,
57.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	D99FC3
RGB	217, 159, 195
RGB Percent	85%, 62%, 76%
CMY	0.1490, 0.3765, 0.2353
CMYK	0.00, 0.27, 0.10, 0.15
HSL	323°, 43%, 74%
HSV	323°, 27%, 85%
XYZ	50.8637, 43.4881, 57.3430
YIQ	180.4460, 23.0120, 23.4920

Conversions

Conversions Part 2

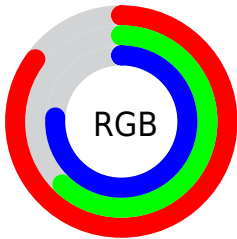
Format	Color
R _{YB}	217, 159, 195
Decimal	14262211
CIE Lab	71.89, 27.12, -9.99
CIE LCh	72, 28.903, 339.789
Yxy	43.4881, 0.3353, 0.2867
Android (android.graphics.Color)	4292452291 (0xFFD99FC3)
YUV	180.4460, 7.1751, 32.0579
Hunter-Lab	65.9455, 22.2722, -5.3938

Details

The XYZ color **50.8637, 43.4881, 57.3430** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4532, 60.3340, 52.8633**, and the grayscale version is **43.5771, 45.8465, 49.9269**.

A 20% lighter version of the original color is **82.8573, 76.3814, 102.4715**, and **24.7634, 20.0155, 27.7575** is the 20% darker color. If you saturate the color by 10%, you get **46.5496, 36.3080, 51.4391**, and if you desaturate by 10%, it is **55.8868, 52.0027, 63.7374**.

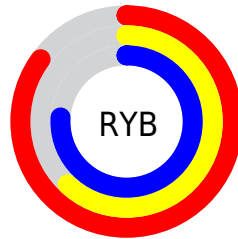
Distribution



Red (85%)

Green (62%)

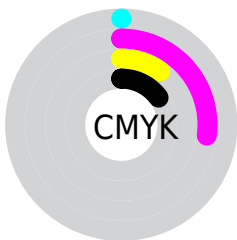
Blue (76%)



Red (85%)

Yellow (62%)

Blue (76%)

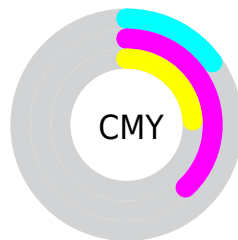


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8637, 43.4881, 57.3430 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 50.8637, 43.4881, 57.3430 by changing the saturation by 10% instead.


 50.8637, 43.4881,
57.3430


 50.8637, 43.4881,
57.3430


380.4304,
360.6152, 432.2630

 36.3207, 30.2683,
40.8695


 90.6375, 80.4469,
102.4708

 24.8533, 20.0423,
27.8982


 116.5990,
104.9547, 131.9622

 16.0959, 12.4258,
18.0106


147.0974,
133.9939, 166.6299

 9.6833, 7.0344,
10.7880

182.4981,
167.9489, 206.8925

 5.2502, 3.4836,
5.8121

223.1663,
207.2042, 253.1686

 2.4310, 1.3891,
2.6642

269.4676,

 0.8606, 0.2087,

252.1440, 305.8767

0.9253

321.7671,
303.1529, 365.4353

■ 0.0000, 0.0000,
0.0000

■ 50.8637, 43.4881,
57.3430

■ 50.8637, 43.4881,
57.3430

■ 46.5496, 36.3080,
51.4391

■ 55.8868, 52.0027,
63.7374

■ 42.9055, 30.3877,
46.0072

■ 61.6474, 61.9098,
70.6342

■ 39.8945, 25.6542,
41.0313

■ 68.1775, 73.2710,
78.0485

■ 37.4744, 22.0244,
36.4932

■ 75.5057, 86.1425,
85.9936

■ 35.5975, 19.4043,
32.3725

■ 79.5390, 92.3372,
93.1088

■ 34.2082, 17.6843,
28.6463

■ 80.7641, 92.8273,
99.5600

■ 33.2353, 16.7231,
25.2862

■ 82.0450, 93.3396,
106.3054

■ 32.9665, 16.4922,
24.2513

■ 82.4255, 93.4918,
108.3092

Harmonies

Analogous

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



47.6894, 43.4881, 71.3732



50.8637, 43.4881, 57.3430



51.3762, 43.4881, 42.8922

Triad

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



50.8637, 43.4881, 57.3430



39.7464, 43.4881, 25.3540



34.4819, 43.4881, 66.8945

Complementary

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



50.8637, 43.4881, 57.3430



47.4532, 60.3340, 52.8633

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.



32.6941, 43.4881, 52.1089



50.8637, 43.4881, 57.3430



35.5702, 43.4881, 29.4327

Square

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



50.8637, 43.4881, 57.3430



44.6898, 43.4881, 26.2033



33.0760, 43.4881, 38.5931



38.1508, 43.4881, 77.6022

Rectangle

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



50.8637, 43.4881, 57.3430



50.1009, 43.4881, 35.1250



33.0760, 43.4881, 38.5931



33.6548, 43.4881, 62.1286

Sweetspot

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



50.8650, 43.4901, 57.3439



87.6628, 87.1794, 100.4144



43.8089, 39.5436, 70.9699



18.4834, 18.1767, 21.1629



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.



50.8650, 43.4901, 57.3439



69.7212, 56.6851, 77.8205



47.9654, 42.3302, 42.0748



13.3941, 13.1867, 15.3365



20.0089, 10.0046, 14.9590



1.3377, 0.6647, 1.1873

Inverse Universe

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



50.8650, 43.4901, 57.3439



69.7212, 56.6851, 77.8205



50.6540, 61.6143, 69.7188



13.3941, 13.1867, 15.3365



20.0089, 10.0046, 14.9590



1.3377, 0.6647, 1.1873

Previews

White Background



This preview shows how the XYZ color 50.8637, 43.4881, 57.3430 looks on a white background.

Color Contrast Check

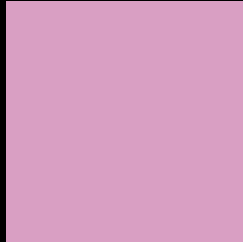
Large Text (above 18pt) WCAG AA × Fail

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 50.8637, 43.4881, 57.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

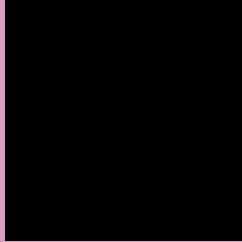
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8637, 43.4881, 57.3430

Background



This preview shows how black text looks on a background with the XYZ color 50.8637, 43.4881, 57.3430.



This preview shows how white text looks on a background with the XYZ color 50.8637, 43.4881,

57.3430.

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

50.8637, 43.4881, 57.3430

Protanopia

43.1440, 43.7256, 63.9236

Deuteranopia

44.6279, 43.7944, 56.5531



Tritanopia

48.5666, 43.5857, 46.4106

Trichromacy



Original Color

50.8637, 43.4881, 57.3430

Protanomaly

45.4696, 43.2843, 61.2165

Deuteranomaly

46.5823, 43.4028, 56.9614

Tritanomaly

49.3882, 43.6651, 50.0811

Monochromacy



Original Color

50.8637, 43.4881, 57.3430

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.5018, 44.3453, 52.0602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8637, 43.4881, 57.3430 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, 159, 195)` looks like.

```
.text, #text, p{  
    color:rgb(217, 159, 195)  
}
```

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, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 159, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.8637, 43.4881, 57.3430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

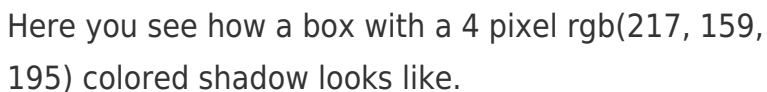
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 159, 195) }
```


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

```
.border{ border-color:rgb(217, 159, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 159, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 159, 195);  
box-shadow:4px 4px 4px 4px rgb(217, 159,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8637, 43.4881, 57.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 159, 195) }
```

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

```
.background{ background-color: rgb(217,  
159, 195) }
```

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