

# Converting Colors

XYZ(53.8305, 48.8321, 52.3715)

Have a look what the booklet for  
XYZ(53.8305, 48.8321, 52.3715)  
contains.

<b>XYZ(53.8247, 48.9195, 52.5045)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**XYZ(53.8247, 48.9195,  
52.5045)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DEADB9
RGB	222, 173, 185
RGB Percent	87%, 68%, 73%
CMY	0.1294, 0.3215, 0.2745
CMYK	0.00, 0.22, 0.17, 0.13
HSL	345°, 43%, 77%
HSV	345°, 22%, 87%
XYZ	53.8247, 48.9195, 52.5045
YIQ	189.0190, 25.3520, 14.1200

# Conversions

## Conversions Part 2

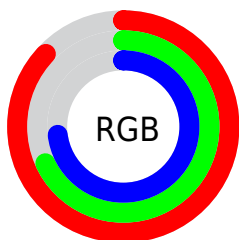
Format	Color
<a href="#">RYB</a>	<a href="#">222, 173, 185</a>
Decimal	<a href="#">14593465</a>
CIELab	<a href="#">75.40, 19.70, 0.75</a>
CIELCh	<a href="#">75, 19.711, 2.191</a>
Yxy	<a href="#">48.9195, 0.3467, 0.3151</a>
Android (android.graphics.Color)	<a href="#">4292783545</a> <a href="#">(0xFFDEADB9)</a>
YUV	<a href="#">189.0190, -1.9814, 28.9243</a>
Hunter-Lab	<a href="#">69.9425, 14.9665, 4.4518</a>

# Details

The XYZ color **53.8247, 48.9195, 52.5045** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.9897, 65.7811, 70.7746**, and the grayscale version is **48.3826, 50.9023, 55.4326**.

A 20% lighter version of the original color is **85.1365, 83.6495, 94.8779**, and **26.6072, 23.2059, 24.9066** is the 20% darker color. If you saturate the color by 10%, you get **48.2496, 40.4363, 42.4234**, and if you desaturate by 10%, it is **60.3185, 58.9052, 63.9226**.

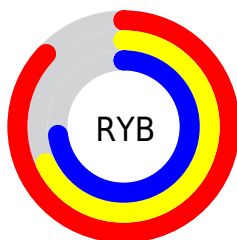
# Distribution



Red (87%)

Green (68%)

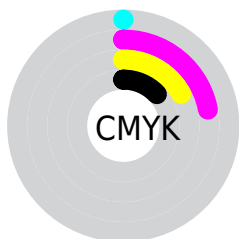
Blue (73%)



Red (87%)

Yellow (68%)

Blue (73%)

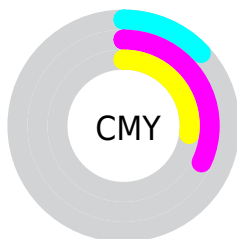


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (13%)



Cyan (13%)

Magenta (32%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8247, 48.9195, 52.5045 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 53.8247, 48.9195, 52.5045 by changing the saturation by 10% instead.





 53.8247, 48.9195,  
52.5045

 53.8247, 48.9195,  
52.5045


391.6505,  
382.4253, 413.3934

 38.6916, 34.5556,  
37.0223

 94.9752, 88.5719,  
95.3090

 26.6996, 23.3208,  
24.9289


121.7234,  
114.6292, 123.4684

 17.4831, 14.8305,  
15.8055

153.0739,  
145.3531, 156.6907

 10.6770, 8.7005,  
9.2338

189.3923,  
181.1280, 195.3943

 5.9158, 4.5464,  
4.7951

231.0438,  
222.3382, 239.9979

 2.8341, 1.9837,  
2.0709


278.3937,

 1.0666, 0.5979,

269.3683, 290.9199


0.5984

331.8075,  
322.6025, 348.5789

 0.0000, 0.0000,  
0.0000


 53.8247, 48.9195,  
52.5045


 53.8247, 48.9195,  
52.5045


 48.2496, 40.4363,  
42.4234

 60.3185, 58.9052,  
63.9226


 43.5471, 33.3761,  
33.6266


 67.7663, 70.4545,  
76.7217


 39.6729, 27.6625,  
26.0622

 76.2066, 83.6331,  
90.9473

 36.5773, 23.2089,  
19.6736

 83.4646, 94.0818,  
105.9057

 34.2050, 19.9186,  
14.3995

 83.9344, 94.2697,  
108.3798

■ 32.4931, 17.6808,  
10.1728

■ 31.3670, 16.3627,  
6.9179

■ 30.7986, 15.7994,  
4.9601

# Harmonies

## Analogous

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



52.9465, 48.9195, 63.1440



53.8247, 48.9195, 52.5045



52.6561, 48.9195, 43.3109

# Triad

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



53.8247, 48.9195, 52.5045



42.8768, 48.9195, 38.0779



43.3161, 48.9195, 72.9715

# Complementary

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



53.8247, 48.9195, 52.5045



54.9897, 65.7811, 70.7746

# 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.



40.8370, 48.9195, 64.6382



53.8247, 48.9195, 52.5045



40.5928, 48.9195, 44.4742

# Square

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



53.8247, 48.9195, 52.5045



46.2302, 48.9195, 35.6851



39.8656, 48.9195, 54.0328



46.7639, 48.9195, 75.8375



# Rectangle

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



53.8247, 48.9195, 52.5045



50.9073, 48.9195, 38.9832



39.8656, 48.9195, 54.0328



42.3482, 48.9195, 70.6677

# Sweetspot

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



53.8261, 48.9217, 52.5055



87.5227, 88.2973, 96.0573



54.6372, 48.8284, 75.6528



18.6012, 18.6943, 20.3328



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.



53.8261, 48.9217, 52.5055



70.3845, 61.9308, 65.9592



55.0699, 53.3514, 46.9332



13.8442, 13.7553, 14.9495



18.3307, 9.3993, 3.1412



1.3058, 0.6656, 0.4031



# Inverse Universe

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



53.8261, 48.9217, 52.5055



70.3845, 61.9308, 65.9592



53.4050, 60.1295, 77.8991



13.8442, 13.7553, 14.9495



18.3307, 9.3993, 3.1412

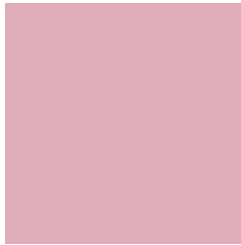


1.3058, 0.6656, 0.4031



# Previews

## White Background



This preview shows how the XYZ color 53.8247, 48.9195, 52.5045 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

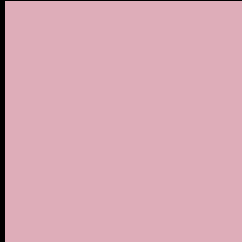
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.8247, 48.9195, 52.5045 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

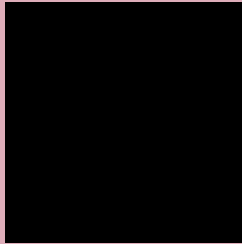
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 53.8247, 48.9195, 52.5045**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.8247, 48.9195, 52.5045.



This preview shows how white text looks on a background with the XYZ color 53.8247, 48.9195,



# 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

53.8247, 48.9195, 52.5045

### Protanopia

47.6024, 49.1951, 56.8559

### Deuteranopia

50.1498, 49.0823, 52.1781





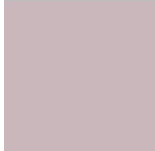
## Tritanopia

53.9307, 48.9619, 53.0625

# Trichromacy

	<b>Original Color</b> 53.8247, 48.9195, 52.5045
	<b>Protanomaly</b> 49.5286, 49.0012, 54.9919
	<b>Deuteranomaly</b> 51.2378, 48.7539, 52.0573
	<b>Tritanomaly</b> 53.9307, 48.9619, 53.0625

# Monochromacy

	<b>Original Color</b> 53.8247, 48.9195, 52.5045
	<b>Achromatopsia</b> 48.3692, 50.8881, 55.4172
	<b>Achromatomaly</b> 50.0980, 49.9153, 54.5711

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.8247, 48.9195, 52.5045 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(222, 173, 185) looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 185)  
}
```

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(222, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 53.8247, 48.9195, 52.5045 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(222, 173, 185) }
```



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

```
.border{ border-color:rgb(222, 173, 185) }
```

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

Here you see how a box with a 4 pixel rgb(222, 173, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.8247, 48.9195, 52.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 185) }
```

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

```
.background{ background-color: rgb(222,  
173, 185) }
```

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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