

# Converting Colors

XYZ(58.3730, 55.9856, 65.3954)

Have a look what the booklet for  
XYZ(58.3730, 55.9856, 65.3954)  
contains.

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# Color

**XYZ(58.4305, 55.8630,  
65.4606)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBBDCD
RGB	219, 189, 205
RGB Percent	86%, 74%, 80%
CMY	0.1412, 0.2588, 0.1961
CMYK	0.00, 0.14, 0.06, 0.14
HSL	328°, 29%, 80%
HSV	328°, 14%, 86%
XYZ	58.4305, 55.8630, 65.4606
YIQ	199.7940, 12.7440, 11.3360

# Conversions

## Conversions Part 2

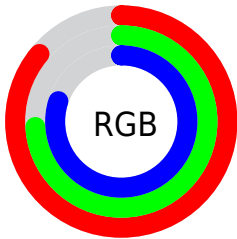
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 189, 205
Decimal	14400973
CIE Lab	79.54, 13.35, -4.08
CIE LCh	80, 13.963, 343.001
Yxy	55.8630, 0.3251, 0.3108
Android (android.graphics.Color)	4292591053 (0xFFDBBDCD)
YUV	199.7940, 2.5666, 16.8437
Hunter-Lab	74.7416, 8.7477, 0.3914

# Details

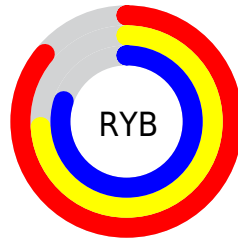
The XYZ color **58.4305, 55.8630, 65.4606** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.0995, 65.7953, 66.1934**, and the grayscale version is **54.7535, 57.6050, 62.7318**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **29.6999, 27.7352, 33.0662** is the 20% darker color. If you saturate the color by 10%, you get **52.8772, 46.6663, 57.7199**, and if you desaturate by 10%, it is **64.7789, 66.5194, 73.8654**.

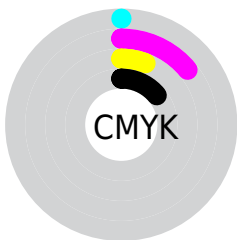
# Distribution



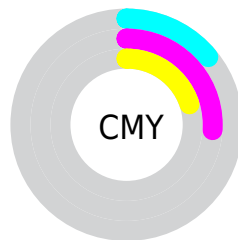
- Red (86%)
- Green (74%)
- Blue (80%)



- Red (86%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (14%)




- Cyan (14%)
- Magenta (26%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4305, 55.8630, 65.4606 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 58.4305, 55.8630, 65.4606 by changing the saturation by 10% instead.





 58.4305, 55.8630,  
65.4606

 58.4305, 55.8630,  
65.4606


408.7162,  
409.1750, 462.7968

 42.3994, 40.0931,  
47.3809

 101.6689, 98.8042,  
114.3314

 29.6067, 27.6111,  
32.9804


129.6069,  
126.7444, 145.9596

 19.6868, 18.0327,  
21.8404


162.2446,  
159.5100, 182.9412

 12.2745, 10.9735,  
13.5425

199.9474,  
197.4856, 225.6945

 7.0045, 6.0490,  
7.6681

243.0806,  
241.0555, 274.6382

 3.5112, 2.8749,  
3.7986

292.0096,

 1.4295, 1.0668,

290.6041, 330.1907

1.5155

347.0996,  
346.5158, 392.7708

■ 0.2771, 0.0000,  
0.2294

■ 0.0000, 0.0000,  
0.0000

■ 58.4305, 55.8630,  
65.4606

■ 58.4305, 55.8630,  
65.4606

■ 52.8772, 46.6663,  
57.7199

■ 64.7789, 66.5194,  
73.8654

■ 48.0809, 38.8579,  
50.6211

■ 71.9489, 78.6884,  
82.9485

■ 44.0075, 32.3710,  
44.1456

■ 79.9717, 92.4292,  
92.7280

■ 40.6182, 27.1309,  
38.2727

■ 81.5910, 93.2272,  
100.7921

■ 37.8703, 23.0548,  
32.9797

■ 83.0238, 93.8003,  
108.3372

■ 35.7161, 20.0503,  
28.2422

■ 34.1007, 18.0102,  
24.0331

■ 32.9578, 16.8049,  
20.3210

■ 32.4122, 16.3396,  
18.2097

# Harmonies

## Analogous

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



56.8655, 55.8630, 72.8538



58.4305, 55.8630, 65.4606



58.5345, 55.8630, 57.4114

# Triad

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



58.4305, 55.8630, 65.4606



51.8903, 55.8630, 46.9641



49.2432, 55.8630, 71.9965

# Complementary

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



58.4305, 55.8630, 65.4606



57.0995, 65.7953, 66.1934

# 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.



48.0054, 55.8630, 64.3719



58.4305, 55.8630, 65.4606



49.4971, 55.8630, 50.1995

# Square

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



58.4305, 55.8630, 65.4606



54.6909, 55.8630, 47.1996



48.0967, 55.8630, 56.4142



51.5327, 55.8630, 76.8493



# Rectangle

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



58.4305, 55.8630, 65.4606



57.7558, 55.8630, 52.7835



48.0967, 55.8630, 56.4142



48.6940, 55.8630, 69.6451

# Sweetspot

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



58.4321, 55.8655, 65.4618



91.1248, 93.3610, 103.8571



55.6145, 54.2089, 74.5510



19.3510, 19.7242, 22.0304



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.



58.4321, 55.8655, 65.4618



80.4714, 75.5081, 89.6577



56.7073, 55.1755, 56.3791



13.3448, 13.1670, 15.0771



19.2745, 9.7108, 11.0916



1.2921, 0.6465, 0.9471



# Inverse Universe

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



58.4321, 55.8655, 65.4618



80.4714, 75.5081, 89.6577



58.9745, 66.5453, 76.0670



13.3448, 13.1670, 15.0771



19.2745, 9.7108, 11.0916

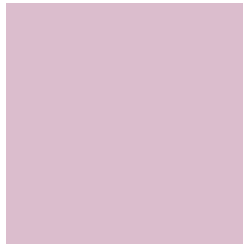


1.2921, 0.6465, 0.9471



# Previews

## White Background



This preview shows how the XYZ color 58.4305, 55.8630, 65.4606 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

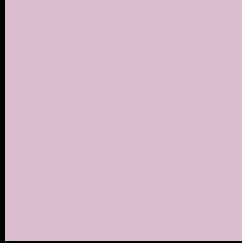
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.4305, 55.8630, 65.4606 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

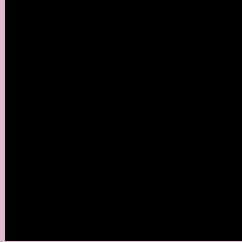
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 58.4305, 55.8630, 65.4606

## Background



This preview shows how black text looks on a background with the XYZ color 58.4305, 55.8630, 65.4606.



This preview shows how white text looks on a background with the XYZ color 58.4305, 55.8630,

65.4606.

# 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

58.4305, 55.8630, 65.4606

### Protanopia

54.2745, 55.9536, 68.2612

### Deuteranopia

57.0908, 55.8155, 65.5221



## Tritanopia

58.3101, 55.8149, 64.8268

# Trichromacy



## Original Color

58.4305, 55.8630, 65.4606

## Protanomaly

55.6320, 55.6731, 67.4884

## Deuteranomaly

57.4572, 55.6818, 65.4769

## Tritanomaly

58.3101, 55.8149, 64.8268

# Monochromacy



## Original Color

58.4305, 55.8630, 65.4606

## Achromatopsia

54.8990, 57.7580, 62.8985

## Achromatomaly

56.1327, 57.0095, 63.9225

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.4305, 55.8630, 65.4606 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(219, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 205)  
}
```

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(219, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 58.4305, 55.8630, 65.4606 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(219, 189, 205) }
```



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

```
.border{ border-color:rgb(219, 189, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 189, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 189, 205); box-shadow:4px 4px 4px 4px rgb(219, 189, 205) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.4305, 55.8630, 65.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 205) }
```

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

```
.background{ background-color: rgb(219,  
189, 205) }
```

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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