

Converting Colors

XYZ(58.3327, 54.9102, 65.4393)

Have a look what the booklet for
XYZ(58.3327, 54.9102, 65.4393)
contains.

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Color

**XYZ(58.3971, 54.8977,
65.2761)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBACD
RGB	221, 186, 205
RGB Percent	87%, 73%, 80%
CMY	0.1333, 0.2706, 0.1961
CMYK	0.00, 0.16, 0.07, 0.13
HSL	327°, 34%, 80%
HSV	327°, 16%, 87%
XYZ	58.3971, 54.8977, 65.2761
YIQ	198.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

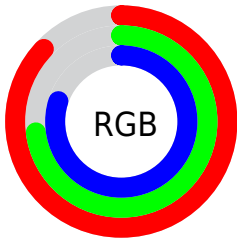
Format	Color
R _Y B	221, 186, 205
Decimal	14531277
CIE Lab	78.98, 15.66, -4.88
CIE LCh	79, 16.400, 342.697
Yxy	54.8977, 0.3270, 0.3074
Android (android.graphics.Color)	4292721357 (0xFFDDBACD)
YUV	198.6310, 3.1399, 19.6176
Hunter-Lab	74.0930, 11.0238, -0.3695

Details

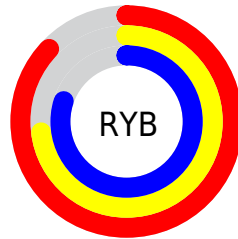
The XYZ color **58.3971, 54.8977, 65.2761** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.7689, 66.4177, 65.7080**, and the grayscale version is **54.0371, 56.8513, 61.9110**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.6993, 27.1164, 32.9468** is the 20% darker color. If you saturate the color by 10%, you get **52.9163, 45.8247, 57.6250**, and if you desaturate by 10%, it is **64.6799, 65.4471, 73.5844**.

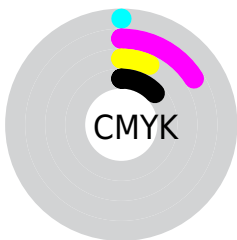
Distribution



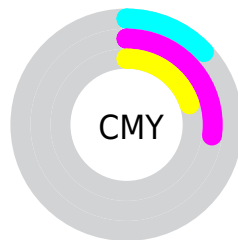
- Red (87%)
- Green (73%)
- Blue (80%)



- Red (87%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3971, 54.8977, 65.2761 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 58.3971, 54.8977, 65.2761 by changing the saturation by 10% instead.

■ 58.3971, 54.8977,
65.2761

■ 58.3971, 54.8977,
65.2761

408.5940,
405.5240, 462.1168

■ 42.3725, 39.3198,
47.2322

■ 101.6205, 97.3911,
114.0638

■ 29.5854, 27.0086,
32.8636

129.5501,
125.0753, 145.6447

■ 19.6706, 17.5797,
21.7517

162.1786,
157.5638, 182.5750

■ 12.2627, 10.6487,
13.4780

199.8716,
195.2410, 225.2733

■ 6.9963, 5.8311,
7.6239

242.9942,
238.4912, 274.1581

■ 3.5061, 2.7427,
3.7710

291.9119,

■ 1.4267, 0.9989,

287.6989, 329.6479

1.5006

346.9901,
343.2483, 392.1613

■ 0.2751, 0.0000,
0.2183

■ 0.0000, 0.0000,
0.0000

■ 58.3971, 54.8977,
65.2761

■ 58.3971, 54.8977,
65.2761

■ 52.9163, 45.8247,
57.6250

■ 64.6799, 65.4471,
73.5844

■ 48.1983, 38.1544,
50.6089

■ 71.7922, 77.5280,
82.5643

■ 44.2075, 31.8173,
44.2091

■ 79.7662, 91.2014,
92.2341

■ 40.9038, 26.7354,
38.4045

■ 82.1243, 93.5104,
100.4412

■ 38.2425, 22.8224,
33.1722

■ 83.6291, 94.1123,
108.3655

■ 36.1737, 19.9807,
28.4873

■ 34.6393, 18.0971,
24.3220

■ 33.5679, 17.0317,
20.6434

■ 33.2069, 16.7274,
19.2357

Harmonies

Analogous

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



56.5472, 54.8977, 73.9677



58.3971, 54.8977, 65.2761



58.5378, 54.8977, 55.9135

Triad

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



58.3971, 54.8977, 65.2761



50.8125, 54.8977, 43.9112



47.7045, 54.8977, 72.7975

Complementary

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



58.3971, 54.8977, 65.2761



56.7689, 66.4177, 65.7080

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.



46.2975, 54.8977, 63.8088



58.3971, 54.8977, 65.2761



48.0410, 54.8977, 47.5236

Square

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



58.3971, 54.8977, 65.2761



54.0659, 54.8977, 44.2161



46.4180, 54.8977, 54.5906



50.3358, 54.8977, 78.6110

Rectangle

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



58.3971, 54.8977, 65.2761



57.6353, 54.8977, 50.5888



46.4180, 54.8977, 54.5906



47.0777, 54.8977, 70.0093

Sweetspot

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



58.3987, 54.9001, 65.2773



90.1921, 91.7634, 102.7208



54.9017, 52.8627, 75.7172



19.1637, 19.4027, 21.8047



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.



58.3987, 54.9001, 65.2773



78.1304, 71.5425, 86.6691



56.4298, 54.1126, 54.9092



13.3502, 13.1692, 15.1052



19.3481, 9.7403, 11.4791



1.2968, 0.6483, 0.9717

Inverse Universe

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



58.3987, 54.9001, 65.2773



78.1304, 71.5425, 86.6691



58.9269, 67.2809, 77.0721



13.3502, 13.1692, 15.1052



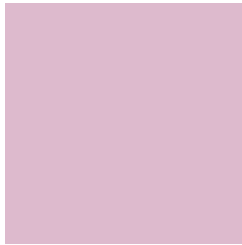
19.3481, 9.7403, 11.4791



1.2968, 0.6483, 0.9717

Previews

White Background



This preview shows how the XYZ color 58.3971, 54.8977, 65.2761 looks on a white background.

Color Contrast Check

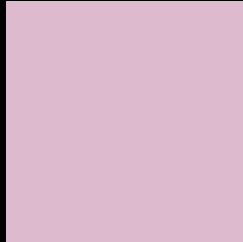
Large Text (above 18pt) WCAG AA × Fail

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 58.3971, 54.8977, 65.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

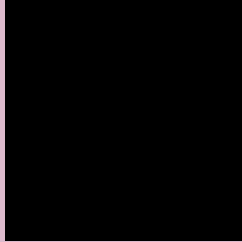
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3971, 54.8977, 65.2761

Background



This preview shows how black text looks on a background with the XYZ color 58.3971, 54.8977, 65.2761.



This preview shows how white text looks on a background with the XYZ color 58.3971, 54.8977,

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

58.3971, 54.8977, 65.2761

Protanopia

53.6536, 55.2855, 68.8161

Deuteranopia

56.1765, 55.0354, 64.7888



Tritanopia

57.8281, 54.9733, 62.8214

Trichromacy



Original Color

58.3971, 54.8977, 65.2761

Protanomaly

55.1366, 55.0907, 67.4021

Deuteranomaly

57.1210, 55.2019, 64.7712

Tritanomaly

57.9462, 55.0206, 63.4431

Monochromacy



Original Color

58.3971, 54.8977, 65.2761

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5665, 56.0660, 63.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3971, 54.8977, 65.2761 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(221, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 186, 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(221, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 186, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.3971, 54.8977, 65.2761 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(221, 186, 205) }
```


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

```
.border{ border-color:rgb(221, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(221, 186,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3971, 54.8977, 65.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 186, 205) }
```

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

```
.background{ background-color: rgb(221,  
186, 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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