

Converting Colors

XYZ(58.6854, 54.7129, 66.2330)

Have a look what the booklet for
XYZ(58.6854, 54.7129, 66.2330)
contains.

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Color

**XYZ(58.7356, 54.7325,
66.5002)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB9CF
RGB	222, 185, 207
RGB Percent	87%, 73%, 81%
CMY	0.1294, 0.2745, 0.1882
CMYK	0.00, 0.17, 0.07, 0.13
HSL	324°, 36%, 80%
HSV	324°, 17%, 87%
XYZ	58.7356, 54.7325, 66.5002
YIQ	198.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

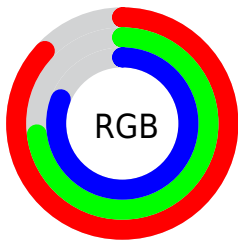
Format	Color
R _Y B	222, 185, 207
Decimal	14596559
CIE Lab	78.89, 16.89, -6.09
CIE LCh	79, 17.953, 340.171
Yxy	54.7325, 0.3264, 0.3041
Android (android.graphics.Color)	4292786639 (0xFFDEB9CF)
YUV	198.5710, 4.1555, 20.5472
Hunter-Lab	73.9814, 12.2479, -1.5074

Details

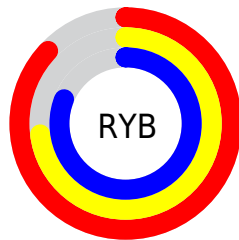
The XYZ color **58.7356, 54.7325, 66.5002** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.5563, 66.7284, 64.5457**, and the grayscale version is **53.9945, 56.8064, 61.8621**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **29.9374, 27.0179, 33.7741** is the 20% darker color. If you saturate the color by 10%, you get **53.3802, 45.7322, 59.4400**, and if you desaturate by 10%, it is **64.8820, 65.2129, 74.1349**.

Distribution



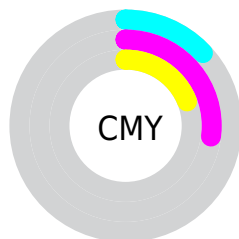
- Red (87%)
- Green (73%)
- Blue (81%)



- Red (87%)
- Yellow (73%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7356, 54.7325, 66.5002 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 58.7356, 54.7325, 66.5002 by changing the saturation by 10% instead.


 58.7356, 54.7325,
66.5002

 58.7356, 54.7325,
66.5002


409.8312,
404.8971, 466.6166

 42.6459, 39.1876,
48.2195


 102.1101, 97.1489,
115.8378

 29.8007, 26.9057,
33.6395


130.1256,
124.7892, 147.7318

 19.8347, 17.5024,
22.3417


162.8471,
157.2301, 185.0006

 12.3825, 10.5933,
13.9075

200.6398,
194.8560, 228.0629

 7.0788, 5.7941,
7.9183

243.8693,
238.0512, 277.3371

 3.5582, 2.7203,
3.9557

292.9007,

 1.4554, 0.9875,

287.2002, 333.2417

1.6011

348.0996,
342.6874, 396.1954

■ 0.2952, 0.0000,
0.2916

■ 0.0000, 0.0000,
0.0000

■ 58.7356, 54.7325,
66.5002

■ 58.7356, 54.7325,
66.5002

■ 53.3802, 45.7322,
59.4400

■ 64.8820, 65.2129,
74.1349

■ 48.7765, 38.1373,
52.9342

■ 71.8471, 77.2294,
82.3564

■ 44.8888, 31.8774,
46.9662

■ 79.6630, 90.8438,
91.1808

■ 41.6765, 26.8731,
41.5172

■ 82.0629, 93.5211,
98.5241

■ 39.0949, 23.0365,
36.5668

■ 83.4561, 94.0784,
105.8607

■ 37.0932, 20.2681,
32.0922

■ 83.9345, 94.2697,
108.3798

■ 35.6125, 18.4519,
28.0680

■ 34.5776, 17.4396,
24.4631

■ 34.2888, 17.1955,
23.3386

Harmonies

Analogous

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



56.5669, 54.7325, 75.8779



58.7356, 54.7325, 66.5002



59.0599, 54.7325, 56.1966

Triad

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



58.7356, 54.7325, 66.5002



50.8212, 54.7325, 42.2944



46.9607, 54.7325, 73.1671

Complementary

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



58.7356, 54.7325, 66.5002



56.5563, 66.7284, 64.5457

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.



45.5660, 54.7325, 63.1265



58.7356, 54.7325, 66.5002



47.7265, 54.7325, 45.8250

Square

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



58.7356, 54.7325, 66.5002



54.3801, 54.7325, 42.9782



45.8398, 54.7325, 53.1840



49.7323, 54.7325, 80.0210

Rectangle

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



58.7356, 54.7325, 66.5002



58.1716, 54.7325, 50.2680



45.8398, 54.7325, 53.1840



46.3211, 54.7325, 70.0084

Sweetspot

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



58.7372, 54.7349, 66.5014



90.2953, 91.8047, 103.2642



54.3020, 52.2264, 76.3266



19.1888, 19.4127, 21.9368



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.



58.7372, 54.7349, 66.5014



77.7305, 70.4048, 87.5775



56.6278, 53.8912, 55.3937



14.0475, 13.8366, 16.0205



20.4231, 10.2362, 14.1596



1.4596, 0.7271, 1.2133

Inverse Universe

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



58.7372, 54.7349, 66.5014



77.7305, 70.4048, 87.5775



58.8248, 67.6358, 76.4912



14.0475, 13.8366, 16.0205



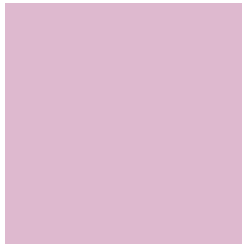
20.4231, 10.2362, 14.1596



1.4596, 0.7271, 1.2133

Previews

White Background



This preview shows how the XYZ color 58.7356, 54.7325, 66.5002 looks on a white background.

Color Contrast Check

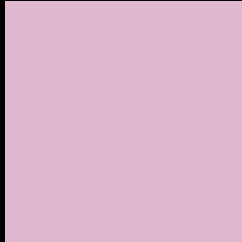
Large Text (above 18pt) WCAG AA × Fail

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 58.7356, 54.7325, 66.5002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

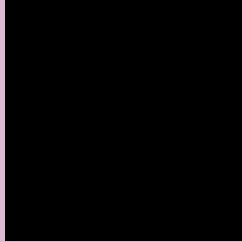
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7356, 54.7325, 66.5002

Background



This preview shows how black text looks on a background with the XYZ color 58.7356, 54.7325, 66.5002.



This preview shows how white text looks on a background with the XYZ color 58.7356, 54.7325,

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

58.7356, 54.7325, 66.5002

Protanopia

53.5502, 54.8570, 70.7169

Deuteranopia

56.1324, 54.9848, 66.0471



Tritanopia

57.9203, 54.7070, 62.7651

Trichromacy



Original Color

58.7356, 54.7325, 66.5002

Protanomaly

55.2905, 54.8021, 69.2918

Deuteranomaly

56.8554, 54.7188, 65.9577

Tritanomaly

58.1572, 54.8018, 64.0125

Monochromacy



Original Color

58.7356, 54.7325, 66.5002

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6846, 56.1132, 63.7732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7356, 54.7325, 66.5002 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, 185, 207)` looks like.

```
.text, #text, p{  
    color:rgb(222, 185, 207)  
}
```

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, 185, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 185, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.7356, 54.7325, 66.5002 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, 185, 207) }
```


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

```
.border{ border-color:rgb(222, 185, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 185, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 185, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 185, 207);  
box-shadow:4px 4px 4px 4px rgb(222, 185,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7356, 54.7325, 66.5002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 185, 207) }
```

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

```
.background{ background-color: rgb(222,  
185, 207) }
```

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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