

Converting Colors

XYZ(57.6771, 53.9969, 61.5840)

Have a look what the booklet for
XYZ(57.6771, 53.9969, 61.5840)
contains.

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Color

**XYZ(57.5735, 53.9341,
61.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB8C7
RGB	222, 184, 199
RGB Percent	87%, 72%, 78%
CMY	0.1294, 0.2784, 0.2196
CMYK	0.00, 0.17, 0.10, 0.13
HSL	336°, 37%, 80%
HSV	336°, 17%, 87%
XYZ	57.5735, 53.9341, 61.4087
YIQ	197.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

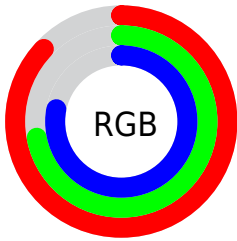
Format	Color
R_{YB}	222, 184, 199
Decimal	14596295
CIE _{Lab}	78.42, 16.06, -2.44
CIE _{LCh}	78, 16.244, 351.350
Yxy	53.9341, 0.3330, 0.3119
Android (android.graphics.Color)	4292786375 (0xFFDEB8C7)
YUV	197.0720, 0.9505, 21.8619
Hunter-Lab	73.4398, 11.4162, 1.8310

Details

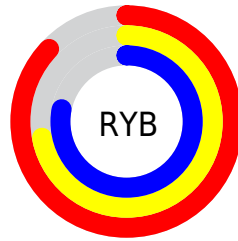
The XYZ color **57.5735, 53.9341, 61.4087** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.1531, 66.9393, 68.9430**, and the grayscale version is **53.1026, 55.8680, 60.8403**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **29.1635, 26.4924, 30.3645** is the 20% darker color. If you saturate the color by 10%, you get **51.8271, 44.8284, 52.1323**, and if you desaturate by 10%, it is **64.1845, 64.5470, 71.6544**.

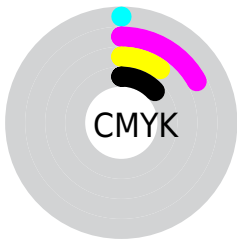
Distribution



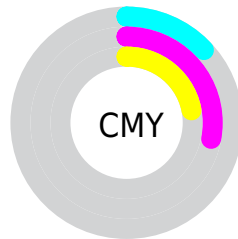
- Red (87%)
- Green (72%)
- Blue (78%)



- Red (87%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5735, 53.9341, 61.4087 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 57.5735, 53.9341, 61.4087 by changing the saturation by 10% instead.

■ 57.5735, 53.9341,
61.4087

■ 57.5735, 53.9341,
61.4087

405.5743,
401.8587, 447.7189

■ 41.7078, 38.5490,
44.1224

■ 100.4281, 95.9775,
108.4338

■ 29.0627, 26.4090,
30.4288

128.1476,
123.4045, 139.0096

■ 19.2728, 17.1299,
19.9095

160.5492,
155.6143, 174.8524

■ 11.9727, 10.3271,
12.1459

197.9981,
192.9913, 216.3806

■ 6.7972, 5.6164,
6.7193

240.8597,
235.9198, 264.0128

■ 3.3808, 2.6133,
3.2114

289.4994,

■ 1.3582, 0.9333,

284.7843, 318.1676

1.2036

344.2825,
339.9691, 379.2634

■ 0.2261, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5735, 53.9341,
61.4087

■ 57.5735, 53.9341,
61.4087

■ 51.8271, 44.8284,
52.1323

■ 64.1845, 64.5470,
71.6544

■ 46.9034, 37.1541,
43.7919

■ 71.6903, 76.7242,
82.8944

■ 42.7639, 30.8392,
36.3571

■ 80.1253, 90.5286,
95.1571

■ 39.3652, 25.8031,
29.7942

■ 83.5750, 94.1260,
106.4867

■ 36.6592, 21.9562,
24.0675

■ 83.9345, 94.2698,
108.3798

■ 34.5920, 19.1972,
19.1378

■ 33.1006, 17.4078,
14.9621

■ 32.1038, 16.4327,
11.4896

■ 31.8702, 16.2280,
10.6024

Harmonies

Analogous

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



56.2073, 53.9341, 70.4024



57.5735, 53.9341, 61.4087



57.1946, 53.9341, 52.5549

Triad

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



57.5735, 53.9341, 61.4087



49.0604, 53.9341, 43.8271



47.5240, 53.9341, 73.5513

Complementary

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



57.5735, 53.9341, 61.4087



57.1531, 66.9393, 68.9430

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.



45.7559, 53.9341, 65.3602



57.5735, 53.9341, 61.4087



46.6170, 53.9341, 48.4161

Square

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



57.5735, 53.9341, 61.4087



52.1914, 53.9341, 43.0042



45.4309, 53.9341, 56.1208



50.3451, 53.9341, 77.8745

Rectangle

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



57.5735, 53.9341, 61.4087



56.0099, 53.9341, 47.8603



45.4309, 53.9341, 56.1208



46.7917, 53.9341, 71.1210

Sweetspot

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



57.5750, 53.9365, 61.4098



89.8987, 91.6460, 101.1754



56.0036, 52.7941, 76.3465



19.0925, 19.3742, 21.4293



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.



57.5750, 53.9365, 61.4098



75.4951, 68.5488, 78.7712



56.7183, 54.8738, 52.9526



13.9302, 13.7897, 15.4024



18.9812, 9.6595, 6.5667



1.3588, 0.6868, 0.6825

Inverse Universe

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



57.5750, 53.9365, 61.4098



75.4951, 68.5488, 78.7712



58.0770, 65.7123, 78.7307



13.9302, 13.7897, 15.4024



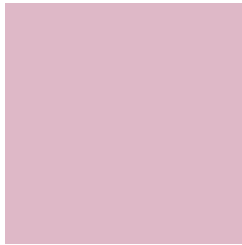
18.9812, 9.6595, 6.5667



1.3588, 0.6868, 0.6825

Previews

White Background



This preview shows how the XYZ color 57.5735, 53.9341, 61.4087 looks on a white background.

Color Contrast Check

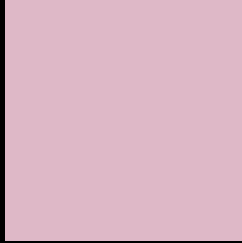
Large Text (above 18pt) WCAG AA × Fail

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 57.5735, 53.9341, 61.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

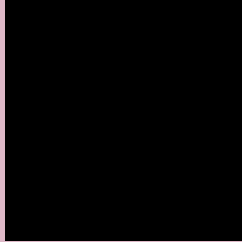
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5735, 53.9341, 61.4087

Background



This preview shows how black text looks on a background with the XYZ color 57.5735, 53.9341, 61.4087.



This preview shows how white text looks on a background with the XYZ color 57.5735, 53.9341,

61.4087.

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

57.5735, 53.9341, 61.4087

Protanopia

52.4747, 54.1017, 64.8037

Deuteranopia

55.0402, 53.8925, 60.9274



Tritanopia

57.4577, 53.8878, 60.7991

Trichromacy



Original Color

57.5735, 53.9341, 61.4087

Protanomaly

54.2510, 54.0703, 63.4544

Deuteranomaly

55.9877, 54.0649, 60.9108

Tritanomaly

57.4577, 53.8878, 60.7991

Monochromacy



Original Color

57.5735, 53.9341, 61.4087

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.4963, 54.8983, 61.1502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5735, 53.9341, 61.4087 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, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 199)  
}
```

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, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.5735, 53.9341, 61.4087 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, 184, 199) }
```


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

```
.border{ border-color:rgb(222, 184, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 184, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5735, 53.9341, 61.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 199) }
```

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

```
.background{ background-color: rgb(222,  
184, 199) }
```

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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