

Converting Colors

XYZ(57.2884, 52.8342, 62.9043)

Have a look what the booklet for
XYZ(57.2884, 52.8342, 62.9043)
contains.

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Color

**XYZ(57.3087, 52.8416,
63.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB5CA
RGB	222, 181, 202
RGB Percent	87%, 71%, 79%
CMY	0.1294, 0.2902, 0.2078
CMYK	0.00, 0.18, 0.09, 0.13
HSL	329°, 38%, 79%
HSV	329°, 18%, 87%
XYZ	57.3087, 52.8416, 63.0561
YIQ	195.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

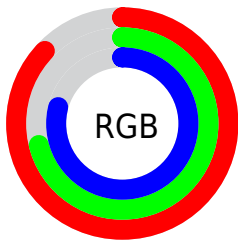
Format	Color
R _Y B	222, 181, 202
Decimal	14595530
CIE Lab	77.78, 18.18, -5.01
CIE LCh	78, 18.855, 344.577
Yxy	52.8416, 0.3309, 0.3051
Android (android.graphics.Color)	4292785610 (0xFFDEB5CA)
YUV	195.6530, 3.1291, 23.1063
Hunter-Lab	72.6922, 13.5135, -0.5459

Details

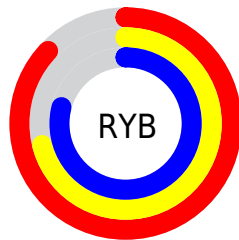
The XYZ color **57.3087, 52.8416, 63.0561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.7220, 66.2847, 65.1187**, and the grayscale version is **52.2372, 54.9577, 59.8489**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **29.0008, 25.7920, 31.4668** is the 20% darker color. If you saturate the color by 10%, you get **51.9119, 44.0282, 55.1512**, and if you desaturate by 10%, it is **63.5178, 63.1342, 71.6771**.

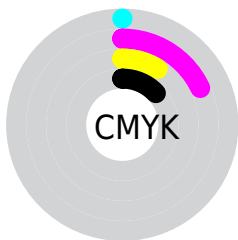
Distribution



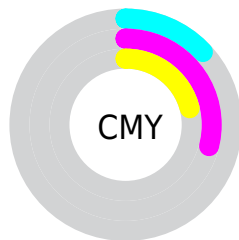
- Red (87%)
- Green (71%)
- Blue (79%)



- Red (87%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3087, 52.8416, 63.0561 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 57.3087, 52.8416, 63.0561 by changing the saturation by 10% instead.


 57.3087, 52.8416,
63.0561

 57.3087, 52.8416,
63.0561


404.6005,
397.6771, 453.8866

 41.4942, 37.6763,
45.4453

 100.0442, 94.3712,
110.8368

 28.8949, 25.7316,
31.4628

127.6960,
121.5044, 141.8438

 19.1452, 16.6229,
20.6901


160.0243,
153.3957, 178.1532

 11.8799, 9.9660,
12.7086

197.3945,
190.4294, 220.1837

 6.7335, 5.3764,
7.0999

240.1718,
232.9900, 268.3538

 3.3409, 2.4698,
3.4452

288.7217,

 1.3365, 0.8614,

281.4619, 323.0819

1.3262

343.4095,
336.2295, 384.7867

■ 0.2103, 0.0000,
0.0831

■ 0.0000, 0.0000,
0.0000

■ 57.3087, 52.8416,
63.0561

■ 57.3087, 52.8416,
63.0561

■ 51.9119, 44.0282,
55.1512

■ 63.5178, 63.1342,
71.6771

■ 47.2871, 36.6182,
47.9379

■ 70.5681, 74.9631,
81.0307

■ 43.3970, 30.5397,
41.3954

■ 78.4928, 88.3911,
91.1372

■ 40.1997, 25.7117,
35.4997

■ 82.4151, 93.6620,
100.3792

■ 37.6483, 22.0440,
30.2254

■ 83.9345, 94.2697,
108.3798

■ 35.6902, 19.4344,
25.5445

■ 34.2633, 17.7624,
21.4254

■ 33.2766, 16.8497,
17.8267

■ 33.1446, 16.7378,
17.3135

Harmonies

Analogous

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



55.3205, 52.8416, 73.0969



57.3087, 52.8416, 63.0561



57.3380, 52.8416, 52.6167

Triad

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



57.3087, 52.8416, 63.0561



48.4761, 52.8416, 40.1710



45.3826, 52.8416, 72.8508

Complementary

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



57.3087, 52.8416, 63.0561



55.7220, 66.2847, 65.1187

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.



43.7248, 52.8416, 62.7517



57.3087, 52.8416, 63.0561



45.4512, 52.8416, 44.3560

Square

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



57.3087, 52.8416, 63.0561



52.1167, 52.8416, 40.2316



43.7493, 52.8416, 52.3469



48.3784, 52.8416, 79.2019

Rectangle

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



57.3087, 52.8416, 63.0561



56.2362, 52.8416, 46.8517



43.7493, 52.8416, 52.3469



44.6570, 52.8416, 69.7313

Sweetspot

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



57.3102, 52.8439, 63.0572



89.1832, 90.1522, 101.1306



53.7489, 50.7164, 76.0642



18.9577, 19.0769, 21.4699



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.



57.3102, 52.8439, 63.0572



75.5929, 67.6418, 82.2030



55.0607, 51.9442, 51.2116



13.9988, 13.8171, 15.7637



19.7435, 9.9644, 10.5809



1.4137, 0.7088, 0.9715

Inverse Universe

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



57.3102, 52.8439, 63.0572



75.5929, 67.6418, 82.2030



58.2723, 67.3048, 78.5485



13.9988, 13.8171, 15.7637



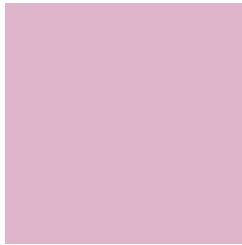
19.7435, 9.9644, 10.5809



1.4137, 0.7088, 0.9715

Previews

White Background



This preview shows how the XYZ color 57.3087, 52.8416, 63.0561 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 57.3087, 52.8416, 63.0561 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 57.3087, 52.8416, 63.0561

Background



This preview shows how black text looks on a background with the XYZ color 57.3087, 52.8416, 63.0561.



This preview shows how white text looks on a background with the XYZ color 57.3087, 52.8416,

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

57.3087, 52.8416, 63.0561

Protanopia

51.5018, 52.8920, 67.1693

Deuteranopia

54.0451, 53.0231, 62.6443



Tritanopia

56.5105, 52.8136, 59.4402

Trichromacy



Original Color

57.3087, 52.8416, 63.0561

Protanomaly

53.2680, 52.5534, 65.7288

Deuteranomaly

55.0430, 52.9120, 62.5703

Tritanomaly

56.7398, 52.9053, 60.6473

Monochromacy



Original Color

57.3087, 52.8416, 63.0561

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.0007, 54.3180, 61.0644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3087, 52.8416, 63.0561 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, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 202)  
}
```

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, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.3087, 52.8416, 63.0561 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, 181, 202) }
```


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

```
.border{ border-color:rgb(222, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3087, 52.8416, 63.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 202) }
```

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

```
.background{ background-color: rgb(222,  
181, 202) }
```

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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