

Converting Colors

XYZ(57.8581, 53.7659, 62.6624)

Have a look what the booklet for
XYZ(57.8581, 53.7659, 62.6624)
contains.

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Color

**XYZ(57.9075, 53.7720,
62.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB7C9
RGB	223, 183, 201
RGB Percent	87%, 72%, 79%
CMY	0.1255, 0.2823, 0.2118
CMYK	0.00, 0.18, 0.10, 0.13
HSL	333°, 38%, 80%
HSV	333°, 18%, 87%
XYZ	57.9075, 53.7720, 62.5853
YIQ	197.0120, 18.0620, 14.0780

Conversions

Conversions Part 2

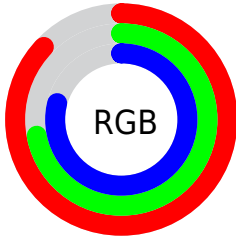
Format	Color
R _Y B	223, 183, 201
Decimal	14661577
CIE Lab	78.33, 17.28, -3.65
CIE LCh	78, 17.666, 348.060
Yxy	53.7720, 0.3323, 0.3086
Android (android.graphics.Color)	4292851657 (0xFFDFB7C9)
YUV	197.0120, 1.9661, 22.7915
Hunter-Lab	73.3294, 12.6333, 0.7276

Details

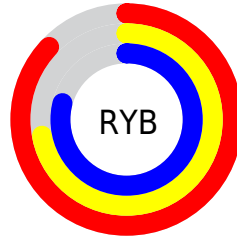
The XYZ color **57.9075, 53.7720, 62.5853** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.9377, 67.2518, 67.7407**, and the grayscale version is **53.0603, 55.8236, 60.7919**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **29.1854, 26.2873, 31.1395** is the 20% darker color. If you saturate the color by 10%, you get **52.2817, 44.7376, 53.8731**, and if you desaturate by 10%, it is **64.3804, 64.3147, 72.1497**.

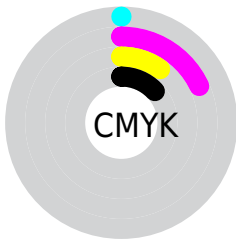
Distribution



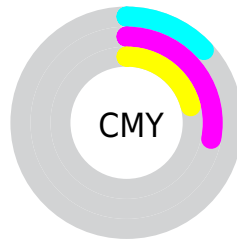
- Red (87%)
- Green (72%)
- Blue (79%)



- Red (87%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (13%)




- Cyan (13%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9075, 53.7720, 62.5853 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 57.9075, 53.7720, 62.5853 by changing the saturation by 10% instead.

 57.9075, 53.7720,
62.5853

 57.9075, 53.7720,
62.5853


406.8006,
401.2400, 452.1293

 41.9773, 38.4194,
45.0670


 100.9119, 95.7394,
110.1508

 29.2745, 26.3084,
31.1668

128.7167,
123.1230, 141.0350

 19.4339, 17.0545,
20.4664


161.2105,
155.2857, 177.2116

 12.0901, 10.2733,
12.5471

198.7586,
192.6119, 219.0992

 6.8777, 5.5806,
6.9904

241.7262,
235.4861, 267.1162

 3.4314, 2.5918,
3.3777

290.4789,

 1.3858, 0.9225,

284.2926, 321.6812

1.2906

345.3819,
339.4157, 383.2127

■ 0.2461, 0.0000,
0.0541

■ 0.0000, 0.0000,
0.0000

■ 57.9075, 53.7720,
62.5853

■ 57.9075, 53.7720,
62.5853

■ 52.2817, 44.7376,
53.8731

■ 64.3804, 64.3147,
72.1497

■ 47.4614, 37.1347,
45.9841

■ 71.7302, 76.4235,
82.5871

■ 43.4084, 30.8908,
38.8926

■ 79.9912, 90.1620,
93.9219

■ 40.0794, 25.9238,
32.5698

■ 83.4574, 94.1144,
104.2641

■ 37.4265, 22.1428,
26.9850

■ 84.2417, 94.4281,
108.3942

■ 35.3957, 19.4448,
22.1046

■ 33.9239, 17.7086,
17.8913

■ 32.9234, 16.7648,
14.2988

■ 32.7484, 16.6148,
13.6236

Harmonies

Analogous

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



56.2260, 53.7720, 72.2485



57.9075, 53.7720, 62.5853



57.7077, 53.7720, 52.8307

Triad

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



57.9075, 53.7720, 62.5853



49.0711, 53.7720, 42.2180



46.7842, 53.7720, 73.9182

Complementary

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



57.9075, 53.7720, 62.5853



56.9377, 67.2518, 67.7407

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.



45.0330, 53.7720, 64.6648



57.9075, 53.7720, 62.5853



46.3117, 53.7720, 46.7001

Square

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



57.9075, 53.7720, 62.5853



52.4994, 53.7720, 41.7955



44.8640, 53.7720, 54.6893



49.7427, 53.7720, 79.2692

Rectangle

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



57.9075, 53.7720, 62.5853



56.5356, 53.7720, 47.5565



44.8640, 53.7720, 54.6893



46.0407, 53.7720, 71.1159

Sweetspot

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



57.9090, 53.7744, 62.5864



90.0078, 91.6897, 101.7502



55.4316, 52.1765, 76.9622



19.1190, 19.3848, 21.5689



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.



57.9090, 53.7744, 62.5864



75.1142, 67.4504, 79.6823



56.3295, 53.8073, 52.2196



13.9623, 13.8026, 15.5717



19.3106, 9.7912, 8.3014



1.3832, 0.6965, 0.8105

Inverse Universe

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



57.9090, 53.7744, 62.5864



75.1142, 67.4504, 79.6823



58.7059, 67.1092, 79.6719



13.9623, 13.8026, 15.5717



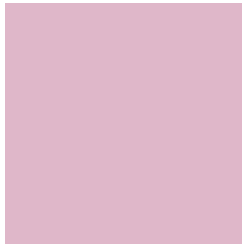
19.3106, 9.7912, 8.3014



1.3832, 0.6965, 0.8105

Previews

White Background



This preview shows how the XYZ color 57.9075, 53.7720, 62.5853 looks on a white background.

Color Contrast Check

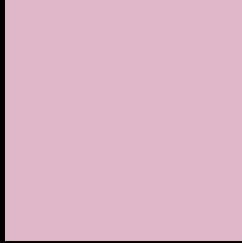
Large Text (above 18pt) WCAG AA × Fail

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 57.9075, 53.7720, 62.5853 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 57.9075, 53.7720, 62.5853

Background



This preview shows how black text looks on a background with the XYZ color 57.9075, 53.7720, 62.5853.



This preview shows how white text looks on a background with the XYZ color 57.9075, 53.7720,

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

57.9075, 53.7720, 62.5853

Protanopia

52.5806, 54.1143, 66.7053

Deuteranopia

54.9869, 53.8382, 62.1373



Tritanopia

57.7650, 54.0462, 60.8135

Trichromacy



Original Color

57.9075, 53.7720, 62.5853

Protanomaly

54.3939, 53.7821, 65.2717

Deuteranomaly

56.0086, 53.7350, 62.0635

Tritanomaly

57.8807, 54.0925, 61.4231

Monochromacy



Original Color

57.9075, 53.7720, 62.5853

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 57.9075, 53.7720, 62.5853 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(223, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 201)  
}
```

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(223, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.9075, 53.7720, 62.5853 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(223, 183, 201) }
```


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

```
.border{ border-color:rgb(223, 183, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9075, 53.7720, 62.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 201) }
```

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

```
.background{ background-color: rgb(223,  
183, 201) }
```

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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