

Converting Colors

XYZ(59.2594, 55.1339, 67.9532)

Have a look what the booklet for
XYZ(59.2594, 55.1339, 67.9532)
contains.

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Color

**XYZ(59.1917, 55.2509,
67.8663)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBAD1
RGB	222, 186, 209
RGB Percent	87%, 73%, 82%
CMY	0.1294, 0.2706, 0.1804
CMYK	0.00, 0.16, 0.06, 0.13
HSL	322°, 35%, 80%
HSV	322°, 16%, 87%
XYZ	59.1917, 55.2509, 67.8663
YIQ	199.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

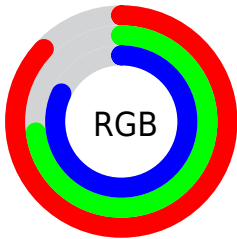
Format	Color
RYB	222, 186, 209
Decimal	14596817
CIELab	79.19, 16.70, -6.73
CIELCh	79, 18.005, 338.055
Yxy	55.2509, 0.3247, 0.3031
Android (android.graphics.Color)	4292786897 (0xFFDEBAD1)
YUV	199.3860, 4.7397, 19.8325
Hunter-Lab	74.3309, 12.0651, -2.1018

Details

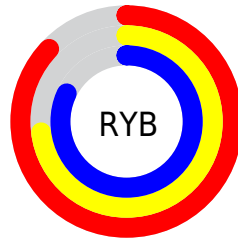
The XYZ color **59.1917, 55.2509, 67.8663** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6820, 66.8066, 63.9435**, and the grayscale version is **54.4897, 57.3274, 62.4295**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.2403, 27.3571, 34.6970** is the 20% darker color. If you saturate the color by 10%, you get **53.9058, 46.2273, 61.3298**, and if you desaturate by 10%, it is **65.2573, 65.7525, 74.9105**.

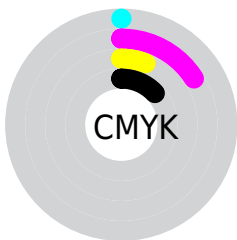
Distribution



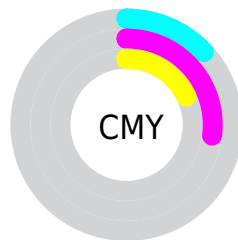
- Red (87%)
- Green (73%)
- Blue (82%)



- Red (87%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1917, 55.2509, 67.8663 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 59.1917, 55.2509, 67.8663 by changing the saturation by 10% instead.

■ 59.1917, 55.2509,
67.8663

■ 59.1917, 55.2509,
67.8663

411.4946,
406.8623, 471.6074

■ 43.0144, 39.6026,
49.3230

■ 102.7693, 97.9085,
117.8133

■ 30.0910, 27.2289,
34.5083

130.9003,
125.6866, 150.0540

■ 20.0561, 17.7452,
23.0039

163.7465,
158.2767, 187.6975

■ 12.5443, 10.7672,
14.3910

201.6734,
196.0633, 231.1625

■ 7.1903, 5.9105,
8.2513

245.0464,
239.4308, 280.8675

■ 3.6288, 2.7907,
4.1661

294.2306,

■ 1.4944, 1.0235,

288.7635, 337.2309

1.7169

349.5916,
344.4459, 400.6713

■ 0.3220, 0.0000,
0.3723

■ 0.0000, 0.0000,
0.0000

■ 59.1917, 55.2509,
67.8663

■ 59.1917, 55.2509,
67.8663

■ 53.9058, 46.2273,
61.3298

■ 65.2573, 65.7525,
74.9105

■ 49.3607, 38.6072,
55.2825

■ 72.1299, 77.7876,
82.4730

■ 45.5212, 32.3206,
49.7097

■ 79.8411, 91.4179,
90.5685

■ 42.3471, 27.2886,
44.5941

■ 81.7724, 93.4049,
96.9942

■ 39.7942, 23.4239,
39.9173

■ 82.9973, 93.8949,
103.4445

■ 37.8125, 20.6277,
35.6586

■ 83.9345, 94.2698,
108.3798

■ 36.3439, 18.7851,
31.7946

■ 35.3158, 17.7522,
28.2969

■ 34.9939, 17.4775,
27.0515

Harmonies

Analogous

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



56.8924, 55.2509, 77.1360



59.1917, 55.2509, 67.8663



59.6617, 55.2509, 57.4269

Triad

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



59.1917, 55.2509, 67.8663



51.5515, 55.2509, 42.6062



47.2562, 55.2509, 73.2081

Complementary

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



59.1917, 55.2509, 67.8663



56.6820, 66.8066, 63.9435

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.



45.9619, 55.2509, 62.9761



59.1917, 55.2509, 67.8663



48.3668, 55.2509, 45.8756

Square

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



59.1917, 55.2509, 67.8663



55.1408, 55.2509, 43.5986



46.3590, 55.2509, 53.0582



49.9726, 55.2509, 80.4570

Rectangle

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



59.1917, 55.2509, 67.8663



58.8551, 55.2509, 51.3186



46.3590, 55.2509, 53.0582



46.6462, 55.2509, 69.9601

Sweetspot

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



59.1933, 55.2533, 67.8675



90.3840, 91.8401, 103.7310



54.1932, 52.4820, 76.3817



19.2104, 19.4214, 22.0503



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.



59.1933, 55.2533, 67.8675



78.8035, 71.8117, 90.2137



57.1331, 54.4293, 57.0187



14.0740, 13.8472, 16.1597



20.8405, 10.4032, 16.3575



1.4869, 0.7381, 1.3571

Inverse Universe

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



59.1933, 55.2533, 67.8675



78.8035, 71.8117, 90.2137



58.8452, 67.6719, 75.3348



14.0740, 13.8472, 16.1597



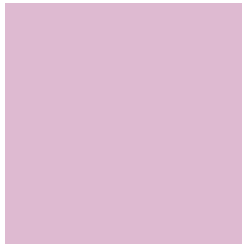
20.8405, 10.4032, 16.3575



1.4869, 0.7381, 1.3571

Previews

White Background



This preview shows how the XYZ color 59.1917, 55.2509, 67.8663 looks on a white background.

Color Contrast Check

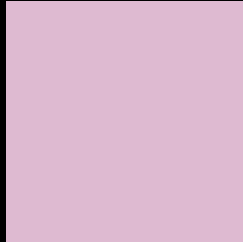
Large Text (above 18pt) WCAG AA × Fail

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 59.1917, 55.2509, 67.8663 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 59.1917, 55.2509, 67.8663

Background



This preview shows how black text looks on a background with the XYZ color 59.1917, 55.2509, 67.8663.



This preview shows how white text looks on a background with the XYZ color 59.1917, 55.2509,

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

59.1917, 55.2509, 67.8663

Protanopia

54.0290, 55.4058, 72.1367

Deuteranopia

56.5943, 55.5173, 67.4076



Tritanopia

58.2498, 55.1771, 63.4573

Trichromacy



Original Color

59.1917, 55.2509, 67.8663

Protanomaly

55.7617, 55.3407, 70.6937

Deuteranomaly

57.3143, 55.2454, 67.3171

Tritanomaly

58.6086, 55.3206, 65.3465

Monochromacy



Original Color

59.1917, 55.2509, 67.8663

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8034, 56.1608, 64.3989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1917, 55.2509, 67.8663 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, 186, 209) looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 209)  
}
```

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, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.1917, 55.2509, 67.8663 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, 186, 209) }
```


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

```
.border{ border-color:rgb(222, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 186, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 186, 209); box-shadow:4px 4px 4px 4px rgb(222, 186, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1917, 55.2509, 67.8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 209) }
```

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

```
.background{ background-color: rgb(222,  
186, 209) }
```

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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