

Converting Colors

XYZ(59.7547, 55.2544, 67.1589)

Have a look what the booklet for
XYZ(59.7547, 55.2544, 67.1589)
contains.

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Color

**XYZ(59.7855, 55.2595,
67.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B9D0
RGB	225, 185, 208
RGB Percent	88%, 73%, 82%
CMY	0.1176, 0.2745, 0.1843
CMYK	0.00, 0.18, 0.08, 0.12
HSL	326°, 40%, 80%
HSV	326°, 18%, 88%
XYZ	59.7855, 55.2595, 67.1896
YIQ	199.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

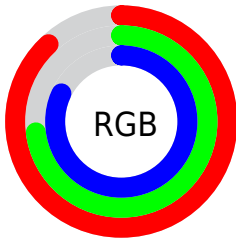
Format	Color
R _Y B	225, 185, 208
Decimal	14793168
CIE Lab	79.19, 18.10, -6.15
CIE LCh	79, 19.119, 341.234
Yxy	55.2595, 0.3281, 0.3032
Android (android.graphics.Color)	4292983248 (0xFFE1B9D0)
YUV	199.5820, 4.1501, 22.2916
Hunter-Lab	74.3367, 13.4698, -1.5538

Details

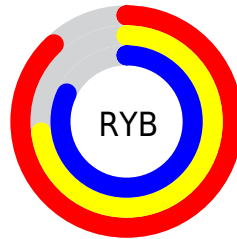
The XYZ color **59.7855, 55.2595, 67.1896** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5957, 68.4306, 66.0532**, and the grayscale version is **54.6123, 57.4564, 62.5700**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **30.4462, 27.2706, 34.2309** is the 20% darker color. If you saturate the color by 10%, you get **54.3048, 46.1241, 59.7318**, and if you desaturate by 10%, it is **66.0852, 65.9178, 75.2718**.

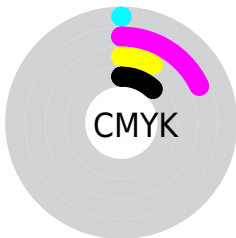
Distribution



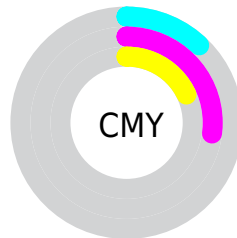
- Red (88%)
- Green (73%)
- Blue (82%)



- Red (88%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (12%)




- Cyan (12%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7855, 55.2595, 67.1896 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 59.7855, 55.2595, 67.1896 by changing the saturation by 10% instead.


 59.7855, 55.2595,
67.1896

 59.7855, 55.2595,
67.1896


413.6541,
406.8949, 469.1392

 43.4946, 39.6095,
48.7762


 103.6266, 97.9211,
116.8353

 30.4696, 27.2342,
34.0776

131.9074,
125.7014, 148.9046

 20.3451, 17.7492,
22.6754


164.9156,
158.2941, 186.3629

 12.7559, 10.7701,
14.1509

203.0165,
196.0833, 229.6289

 7.3365, 5.9125,
8.0858

246.5754,
239.4537, 279.1209

 3.7216, 2.7919,
4.0613

295.9577,

 1.5459, 1.0241,

288.7894, 335.2576

1.6590

351.5289,
344.4750, 398.4576

■ 0.3567, 0.0000,
0.3324

■ 0.0000, 0.0000,
0.0000

■ 59.7855, 55.2595,
67.1896

■ 59.7855, 55.2595,
67.1896

■ 54.3048, 46.1241,
59.7318

■ 66.0852, 65.9178,
75.2718

■ 49.6022, 38.4340,
52.8767

■ 73.2329, 78.1575,
83.9920

■ 45.6402, 32.1155,
46.6061

■ 81.2622, 92.0429,
93.3680

■ 42.3762, 27.0857,
40.8994

■ 83.4856, 94.1973,
101.1762

■ 39.7631, 23.2525,
35.7343

■ 84.8618, 94.7478,
108.4232

■ 37.7476, 20.5114,
31.0861

■ 36.2673, 18.7397,
26.9269

■ 35.2363, 17.7685,
23.2208

■ 35.0386, 17.6025,
22.4475

Harmonies

Analogous

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



57.5121, 55.2595, 77.4071



59.7855, 55.2595, 67.1896



60.0581, 55.2595, 56.1642

Triad

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



59.7855, 55.2595, 67.1896



51.1051, 55.2595, 41.8106



47.1922, 55.2595, 75.1193

Complementary

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



59.7855, 55.2595, 67.1896



57.5957, 68.4306, 66.0532

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.



45.6452, 55.2595, 64.3581



59.7855, 55.2595, 67.1896



47.8302, 55.2595, 45.6999

Square

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



59.7855, 55.2595, 67.1896



54.9201, 55.2595, 42.3741



45.8729, 55.2595, 53.6538



50.1957, 55.2595, 82.3543

Rectangle

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



59.7855, 55.2595, 67.1896



59.0539, 55.2595, 49.9103



45.8729, 55.2595, 53.6538



46.4914, 55.2595, 71.7433

Sweetspot

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



59.7871, 55.2619, 67.1908



90.2562, 91.7890, 103.0582



55.2088, 52.6470, 78.4872



19.1793, 19.4089, 21.8867



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.



59.7871, 55.2619, 67.1908



76.8312, 69.0832, 85.8069



57.5154, 54.3533, 55.2281



14.0359, 13.8320, 15.9592



20.2502, 10.1671, 13.2491



1.4481, 0.7225, 1.1528

Inverse Universe

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



59.7871, 55.2619, 67.1908



76.8312, 69.0832, 85.8069



60.0748, 69.4222, 79.1080



14.0359, 13.8320, 15.9592



20.2502, 10.1671, 13.2491



1.4481, 0.7225, 1.1528

Previews

White Background



This preview shows how the XYZ color 59.7855, 55.2595, 67.1896 looks on a white background.

Color Contrast Check

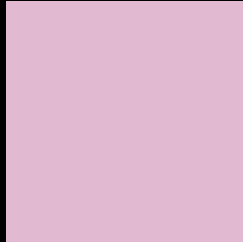
Large Text (above 18pt) WCAG AA × Fail

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 59.7855, 55.2595, 67.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

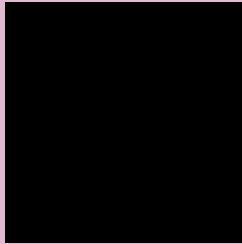
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7855, 55.2595, 67.1896

Background



This preview shows how black text looks on a background with the XYZ color 59.7855, 55.2595, 67.1896.



This preview shows how white text looks on a background with the XYZ color 59.7855, 55.2595,

67.1896.

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

59.7855, 55.2595, 67.1896

Protanopia

54.1584, 55.4874, 71.4740

Deuteranopia

56.7573, 55.6155, 66.7749



Tritanopia

58.8420, 55.1822, 62.8083

Trichromacy



Original Color

59.7855, 55.2595, 67.1896

Protanomaly

55.9681, 55.1369, 69.9800

Deuteranomaly

57.7790, 55.4991, 66.6986

Tritanomaly

59.1985, 55.3247, 64.6854

Monochromacy



Original Color

59.7855, 55.2595, 67.1896

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.5891, 56.8973, 64.4996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7855, 55.2595, 67.1896 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(225, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 208)  
}
```

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(225, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.7855, 55.2595, 67.1896 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(225, 185, 208) }
```


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

```
.border{ border-color:rgb(225, 185, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7855, 55.2595, 67.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 208) }
```

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

```
.background{ background-color: rgb(225,  
185, 208) }
```

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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