

Converting Colors

XYZ(63.8942, 55.1571, 73.7747)

Have a look what the booklet for
XYZ(63.8942, 55.1571, 73.7747)
contains.

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Color

**XYZ(63.8352, 55.0799,
73.5967)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB2DA
RGB	238, 178, 218
RGB Percent	93%, 70%, 85%
CMY	0.0667, 0.3019, 0.1451
CMYK	0.00, 0.25, 0.08, 0.07
HSL	320°, 64%, 82%
HSV	320°, 25%, 93%
XYZ	63.8352, 55.0799, 73.5967
YIQ	200.5000, 22.9200, 25.1600

Conversions

Conversions Part 2

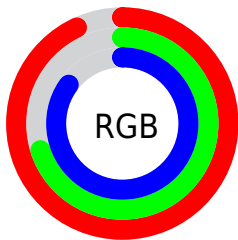
Format	Color
R_{YB}	238, 178, 218
Decimal	15643354
CIE _{Lab}	79.09, 28.01, -11.58
CIE _{LCh}	79, 30.308, 337.543
Yxy	55.0799, 0.3316, 0.2861
Android (android.graphics.Color)	4293833434 (0xFFEEB2DA)
YUV	200.5000, 8.6275, 32.8875
Hunter-Lab	74.2158, 23.6553, -6.8443

Details

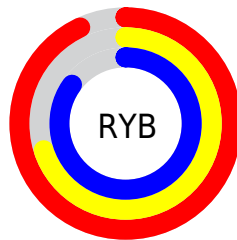
The XYZ color **63.8352, 55.0799, 73.5967** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.1299, 74.6929, 64.7301**, and the grayscale version is **55.1479, 58.0199, 63.1837**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **33.0005, 27.1353, 38.1487** is the 20% darker color. If you saturate the color by 10%, you get **58.4911, 46.0129, 66.8152**, and if you desaturate by 10%, it is **70.0538, 65.8147, 80.9161**.

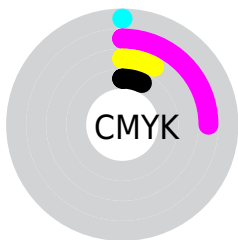
Distribution



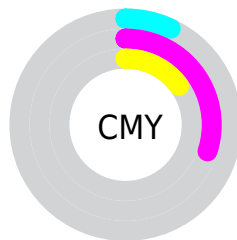
- Red (93%)
- Green (70%)
- Blue (85%)



- Red (93%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8352, 55.0799, 73.5967 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 63.8352, 55.0799, 73.5967 by changing the saturation by 10% instead.

63.8352, 55.0799,
73.5967

63.8352, 55.0799,
73.5967

428.2059,
406.2147, 492.2064

46.7784, 39.4657,
53.9692

109.4486, 97.6580,
126.0527

33.0677, 27.1222,
38.1840

138.7360,
125.3907, 159.7183

22.3378, 17.6650,
25.8226

172.8308,
157.9317, 198.9004

14.2233, 10.7098,
16.4664

212.0986,
195.6654, 244.0174

8.3589, 5.8720,
9.6969

256.9047,
238.9761, 295.4880

4.3792, 2.7674,
5.0955

307.6143,

1.9188, 1.0115,

288.2483, 353.7307

2.2437

364.5930,
343.8664, 419.1640

■ 0.5877, 0.0000,
0.6994

■ 0.0000, 0.0000,
0.0000

■ 63.8352, 55.0799,
73.5967

■ 63.8352, 55.0799,
73.5967

■ 58.4911, 46.0129,
66.8152

■ 70.0538, 65.8147,
80.9161

■ 53.9734, 38.5212,
60.5505

■ 77.1820, 78.2889,
88.7867

■ 50.2369, 32.5146,
54.7845

■ 85.2590, 92.5789,
97.2253

■ 47.2298, 27.8905,
49.4965

■ 88.2344, 96.5830,
104.2183

■ 44.8937, 24.5335,
44.6634

■ 89.0703, 96.9173,
108.6202

■ 43.1607, 22.3088,
40.2588

■ 41.9475, 21.0512,
36.2512

■ 41.4890, 20.6688,
34.4499

Harmonies

Analogous

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



59.7525, 55.0799, 90.4003



63.8352, 55.0799, 73.5967



64.7299, 55.0799, 55.7116

Triad

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



63.8352, 55.0799, 73.5967



50.8420, 55.0799, 32.6729



43.6725, 55.0799, 82.6096

Complementary

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



63.8352, 55.0799, 73.5967



59.1299, 74.6929, 64.7301

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.



41.6618, 55.0799, 64.4456



63.8352, 55.0799, 73.5967



45.5889, 55.0799, 37.2766

Square

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



63.8352, 55.0799, 73.5967



56.9147, 55.0799, 34.1863



42.3354, 55.0799, 48.1431



48.0395, 55.0799, 96.2626

Rectangle

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



63.8352, 55.0799, 73.5967



63.3394, 55.0799, 45.8696



42.3354, 55.0799, 48.1431



42.7145, 55.0799, 76.7054

Sweetspot

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



63.8368, 55.0824, 73.5979



87.8082, 87.2376, 101.1798



54.6441, 50.0224, 87.6651



18.5201, 18.1914, 21.3561



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.



63.8368, 55.0824, 73.5979



71.4726, 58.9851, 82.1122



60.2594, 53.6514, 54.7594



16.2172, 15.9366, 18.7001



23.2089, 11.5560, 19.5484



1.9767, 0.9797, 1.8682

Inverse Universe

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



63.8368, 55.0824, 73.5979



71.4726, 58.9851, 82.1122



62.9401, 76.2169, 84.7942



16.2172, 15.9366, 18.7001



23.2089, 11.5560, 19.5484



1.9767, 0.9797, 1.8682

Previews

White Background



This preview shows how the XYZ color 63.8352, 55.0799, 73.5967 looks on a white background.

Color Contrast Check

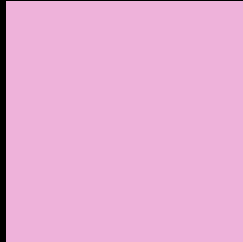
Large Text (above 18pt) WCAG AA × Fail

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 63.8352, 55.0799, 73.5967 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 63.8352, 55.0799, 73.5967

Background



This preview shows how black text looks on a background with the XYZ color 63.8352, 55.0799, 73.5967.



This preview shows how white text looks on a background with the XYZ color 63.8352, 55.0799,

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

63.8352, 55.0799, 73.5967

Protanopia

54.8932, 55.6345, 81.9741

Deuteranopia

56.4791, 55.3413, 72.6709



Tritanopia

60.9527, 55.1036, 59.6481

Trichromacy



Original Color

63.8352, 55.0799, 73.5967



Protanomaly

57.5203, 55.0968, 78.8373



Deuteranomaly

58.9967, 55.0330, 73.1586



Tritanomaly

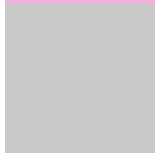
62.0150, 55.2402, 64.5206

Monochromacy



Original Color

63.8352, 55.0799, 73.5967



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.0640, 56.9411, 66.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8352, 55.0799, 73.5967 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(238, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(238, 178, 218)  
}
```

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(238, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 178, 218) }
```

Border

The CSS property to change the border of an element to XYZ 63.8352, 55.0799, 73.5967 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(238, 178, 218) }
```


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

```
.border{ border-color:rgb(238, 178, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 178, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 178, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 178, 218);  
box-shadow:4px 4px 4px 4px rgb(238, 178,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8352, 55.0799, 73.5967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 178, 218) }
```

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

```
.background{ background-color: rgb(238,  
178, 218) }
```

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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