

Converting Colors

XYZ(62.9349, 58.4849, 75.1612)

Have a look what the booklet for
XYZ(62.9349, 58.4849, 75.1612)
contains.

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Color

**XYZ(63.0955, 58.7070,
75.0239)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BFDB
RGB	227, 191, 219
RGB Percent	89%, 75%, 86%
CMY	0.1098, 0.2510, 0.1412
CMYK	0.00, 0.16, 0.04, 0.11
HSL	313°, 39%, 82%
HSV	313°, 16%, 89%
XYZ	63.0955, 58.7070, 75.0239
YIQ	204.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

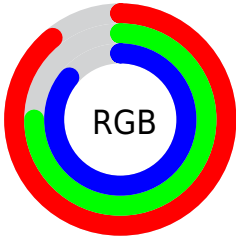
Format	Color
R _Y B	227, 191, 219
Decimal	14925787
CIE Lab	81.13, 17.51, -9.18
CIE LCh	81, 19.768, 332.321
Yxy	58.7070, 0.3206, 0.2983
Android (android.graphics.Color)	4293115867 (0xFFE3BFDB)
YUV	204.9560, 6.9237, 19.3326
Hunter-Lab	76.6205, 12.9054, -4.4202

Details

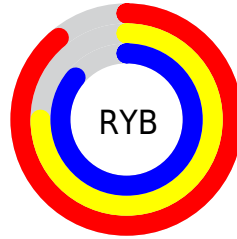
The XYZ color **63.0955, 58.7070, 75.0239** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.2660, 70.1396, 64.4507**, and the grayscale version is **57.9537, 60.9718, 66.3982**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **32.4411, 29.2296, 39.0540** is the 20% darker color. If you saturate the color by 10%, you get **57.8700, 49.3020, 70.0552**, and if you desaturate by 10%, it is **69.1118, 69.6596, 80.3569**.

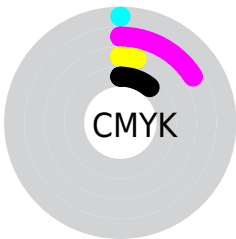
Distribution



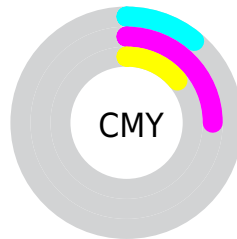
- Red (89%)
- Green (75%)
- Blue (86%)



- Red (89%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0955, 58.7070, 75.0239 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 63.0955, 58.7070, 75.0239 by changing the saturation by 10% instead.


 63.0955, 58.7070,
75.0239

 63.0955, 58.7070,
75.0239


425.5702,
419.8152, 497.2573

 46.1774, 42.3773,
55.1306


 108.3883,
102.9517, 128.0936

 32.5911, 29.3968,
39.1070


137.4938,
131.6355, 162.1071

 21.9711, 19.3812,
26.5345


171.3923,
165.2061, 201.6644

 13.9521, 11.9461,
16.9946

210.4495,
204.0479, 247.1841

 8.1689, 6.7070,
10.0687

255.0304,
248.5454, 299.0847

 4.2559, 3.2795,
5.3383

305.5006,

 1.8479, 1.2793,

299.0828, 357.7848

2.3849

362.2254,
356.0446, 423.7028

■ 0.5463, 0.1251,
0.7782

■ 0.0000, 0.0000,
0.0000

■ 63.0955, 58.7070,
75.0239

■ 63.0955, 58.7070,
75.0239

■ 57.8700, 49.3020,
70.0552

■ 69.1118, 69.6596,
80.3569

■ 53.3947, 41.3664,
65.4343

■ 75.9469, 82.2181,
86.0624

■ 49.6331, 34.8267,
61.1489

■ 82.3098, 93.7994,
91.7115

■ 46.5438, 29.6000,
57.1843

■ 83.0457, 94.0938,
95.5868

■ 44.0807, 25.5947,
53.5242

■ 83.8024, 94.3965,
99.5717

■ 42.1920, 22.7074,
50.1504

■ 84.5801, 94.7076,
103.6671

■ 40.8171, 20.8173,
47.0419

■ 85.3790, 95.0271,
107.8738

■ 39.8814, 19.7754,
44.1728

■ 85.4889, 95.0711,
108.4525

■ 39.5700, 19.4875,
43.0366

Harmonies

Analogous

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



60.1328, 58.7070, 85.0228



63.0955, 58.7070, 75.0239



64.0752, 58.7070, 63.0094

Triad

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



63.0955, 58.7070, 75.0239



55.4797, 58.7070, 43.8669



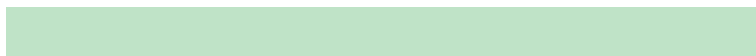
49.3829, 58.7070, 76.8048

Complementary

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



63.0955, 58.7070, 75.0239



59.2660, 70.1396, 64.4507

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.



48.2685, 58.7070, 64.8432



63.0955, 58.7070, 75.0239



51.6790, 58.7070, 46.6375

Square

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



63.0955, 58.7070, 75.0239



59.5518, 58.7070, 45.8984



49.0883, 58.7070, 53.9731



52.2077, 58.7070, 86.1365

Rectangle

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



63.0955, 58.7070, 75.0239



63.4350, 58.7070, 55.7043



49.0883, 58.7070, 53.9731



48.8022, 58.7070, 72.9105

Sweetspot

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



63.0972, 58.7096, 75.0252



90.6637, 91.9520, 105.2038



55.9986, 54.9255, 80.3241



19.2785, 19.4486, 22.4089



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.



63.0972, 58.7096, 75.0252



79.8084, 72.2137, 95.5052



60.8775, 57.8217, 63.3365



14.8508, 14.5575, 17.4148



23.1228, 11.3833, 25.3392



1.7426, 0.8547, 2.0509

Inverse Universe

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



63.0972, 58.7096, 75.0252



79.8084, 72.2137, 95.5052



61.4553, 71.0153, 75.9792



14.8508, 14.5575, 17.4148



23.1228, 11.3833, 25.3392



1.7426, 0.8547, 2.0509

Previews

White Background



This preview shows how the XYZ color 63.0955, 58.7070, 75.0239 looks on a white background.

Color Contrast Check

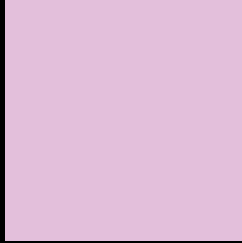
Large Text (above 18pt) WCAG AA × Fail

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 63.0955, 58.7070, 75.0239 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 63.0955, 58.7070, 75.0239

Background



This preview shows how black text looks on a background with the XYZ color 63.0955, 58.7070, 75.0239.



This preview shows how white text looks on a background with the XYZ color 63.0955, 58.7070,

75.0239.

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

63.0955, 58.7070, 75.0239

Protanopia

57.5336, 58.7506, 79.5418

Deuteranopia

60.1264, 58.8380, 74.5175



Tritanopia

61.5065, 58.7015, 67.7633

Trichromacy



Original Color

63.0955, 58.7070, 75.0239

Protanomaly

59.5800, 58.8155, 78.0244

Deuteranomaly

61.1601, 58.7056, 74.4375

Tritanomaly

62.0973, 58.6215, 70.3296

Monochromacy



Original Color

63.0955, 58.7070, 75.0239

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.7277, 60.1078, 69.4268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0955, 58.7070, 75.0239 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(227, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 219)  
}
```

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(227, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.0955, 58.7070, 75.0239 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(227, 191, 219) }
```


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

```
.border{ border-color:rgb(227, 191, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 219);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0955, 58.7070, 75.0239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 191, 219) }
```

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

```
.background{ background-color: rgb(227,  
191, 219) }
```

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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