

Converting Colors

XYZ(63.7156, 55.2204, 80.1149)

Have a look what the booklet for
XYZ(63.7156, 55.2204, 80.1149)
contains.

| | |
|--|----|
| XYZ(63.5895, 55.1099, 79.9588) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(63.5895, 55.1099,
79.9588)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E9B3E3 |
| RGB | 233, 179, 227 |
| RGB Percent | 91%, 70%, 89% |
| CMY | 0.0863, 0.2980, 0.1098 |
| CMYK | 0.00, 0.23, 0.03, 0.09 |
| HSL | 307°, 55%, 81% |
| HSV | 307°, 23%, 91% |
| XYZ | 63.5895, 55.1099, 79.9588 |
| YIQ | 200.6180, 16.7760, 26.3760 |

Conversions

Conversions Part 2

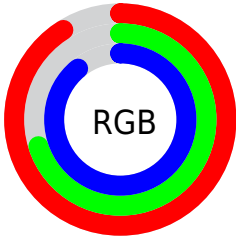
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 233, 179, 227 |
| Decimal | 15315939 |
| CIE Lab | 79.10, 27.37, -16.47 |
| CIE LCh | 79, 31.944, 328.971 |
| Yxy | 55.1099, 0.3201, 0.2774 |
| Android (android.graphics.Color) | 4293506019 (0xFFE9B3E3) |
| YUV | 200.6180, 13.0063, 28.3990 |
| Hunter-Lab | 74.2360, 22.9874, -11.8954 |

Details

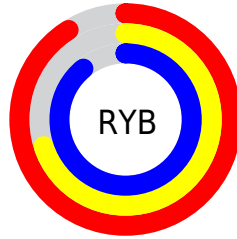
The XYZ color **63.5895, 55.1099, 79.9588** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.4885, 71.3660, 56.6998**, and the grayscale version is **55.1973, 58.0718, 63.2402**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **33.0387, 27.2474, 42.5477** is the 20% darker color. If you saturate the color by 10%, you get **58.9543, 46.4062, 76.6643**, and if you desaturate by 10%, it is **69.0224, 65.3986, 83.5469**.

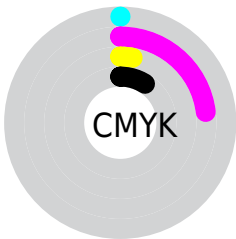
Distribution



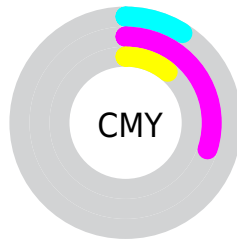
- Red (91%)
- Green (70%)
- Blue (89%)



- Red (91%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5895, 55.1099, 79.9588 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 63.5895, 55.1099, 79.9588 by changing the saturation by 10% instead.

63.5895, 55.1099,
79.9588

63.5895, 55.1099,
79.9588

427.3315,
406.3284, 514.4971

46.5787, 39.4897,
59.1585

109.0966, 97.7020,
135.1187

32.9093, 27.1409,
42.3199

138.3236,
125.4426, 170.3153

22.2159, 17.6791,
29.0244

172.3534,
157.9922, 211.1478

14.1331, 10.7198,
18.8535

211.5513,
195.7352, 258.0347

8.2956, 5.8788,
11.3888

256.2827,
239.0559, 311.3946

4.3381, 2.7715,
6.2115

306.9130,

1.8951, 1.0136,

288.3387, 371.6459

2.9033

363.8075,
343.9681, 439.2072

■ 0.5740, 0.0000,
1.0454

■ 0.0000, 0.0000,
0.0000

■ 63.5895, 55.1099,
79.9588

■ 63.5895, 55.1099,
79.9588

■ 58.9543, 46.4062,
76.6643

■ 69.0224, 65.3986,
83.5469

■ 55.0721, 39.2009,
73.6466

■ 75.2850, 77.3387,
87.4376

■ 51.9015, 33.4103,
70.8924

■ 82.4133, 91.0018,
91.6436

■ 49.3951, 28.9396,
68.3858

■ 84.7031, 94.9792,
94.2637

47.4996, 25.6821,
66.1089

85.0850, 95.1320,
96.2748

46.1534, 23.5149,
64.0410

85.4724, 95.2870,
98.3147

45.2820, 22.2890,
62.1572

85.8653, 95.4441,
100.3837

44.8806, 21.8342,
60.9505

86.2638, 95.6035,
102.4818

86.6677, 95.7651,
104.6092

Harmonies

Analogous

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



58.5381, 55.1099, 96.2125



63.5895, 55.1099, 79.9588



65.6022, 55.1099, 60.6375

Triad

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



63.5895, 55.1099, 79.9588



52.6006, 55.1099, 31.3280



42.3811, 55.1099, 78.6448

Complementary

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



63.5895, 55.1099, 79.9588



56.4885, 71.3660, 56.6998

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.



41.0662, 55.1099, 59.3775



63.5895, 55.1099, 79.9588



46.6702, 55.1099, 34.2564

Square

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



63.5895, 55.1099, 79.9588



58.9493, 55.1099, 34.6917



42.5724, 55.1099, 43.6825



46.3184, 55.1099, 95.3520

Rectangle

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



63.5895, 55.1099, 79.9588



64.8347, 55.1099, 49.3116



42.5724, 55.1099, 43.6825



41.6326, 55.1099, 72.1430

Sweetspot

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



63.5912, 55.1123, 79.9600



89.2999, 89.0082, 105.4159



50.6937, 48.3660, 83.7556



19.0130, 18.8590, 22.5009



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.



63.5912, 55.1123, 79.9600



75.0962, 62.0945, 96.0763



60.2219, 53.7646, 62.2178



15.6385, 15.2833, 18.6477



25.4947, 12.4006, 34.7362



2.0225, 0.9820, 2.8361

Inverse Universe

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



63.5912, 55.1123, 79.9600



75.0962, 62.0945, 96.0763



59.5394, 72.5863, 72.7657



15.6385, 15.2833, 18.6477



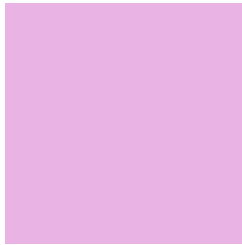
25.4947, 12.4006, 34.7362



2.0225, 0.9820, 2.8361

Previews

White Background



This preview shows how the XYZ color 63.5895, 55.1099, 79.9588 looks on a white background.

Color Contrast Check

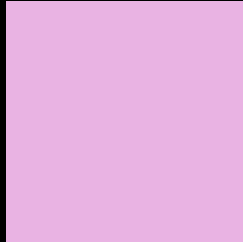
Large Text (above 18pt) WCAG AA × Fail

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 63.5895, 55.1099, 79.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

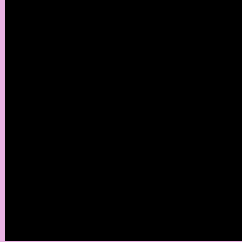
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5895, 55.1099, 79.9588

Background



This preview shows how black text looks on a background with the XYZ color 63.5895, 55.1099, 79.9588.



This preview shows how white text looks on a background with the XYZ color 63.5895, 55.1099,

79.9588.

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

63.5895, 55.1099, 79.9588

Protanopia

55.0714, 55.2628, 87.8850

Deuteranopia

56.5785, 55.2544, 78.9173



Tritanopia

59.6466, 55.0162, 60.9016

Trichromacy



Original Color

63.5895, 55.1099, 79.9588

Protanomaly

57.8074, 55.1158, 84.6824

Deuteranomaly

58.9384, 55.1778, 79.4955

Tritanomaly

60.8697, 54.8823, 67.7068

Monochromacy



Original Color

63.5895, 55.1099, 79.9588

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.1434, 56.9392, 68.8986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5895, 55.1099, 79.9588 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(233, 179, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 227)  
}
```

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(233, 179, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 227) }
```

Border

The CSS property to change the border of an element to XYZ 63.5895, 55.1099, 79.9588 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(233, 179, 227) }
```


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

```
.border{ border-color:rgb(233, 179, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5895, 55.1099, 79.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 227) }
```

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

```
.background{ background-color: rgb(233,  
179, 227) }
```

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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