

Converting Colors

XYZ(63.3558, 57.4709, 78.9879)

Have a look what the booklet for
XYZ(63.3558, 57.4709, 78.9879)
contains.

XYZ(63.3558, 57.4709, 78.9879)	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(63.3558, 57.4709,
78.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BBE1
RGB	228, 187, 225
RGB Percent	89%, 73%, 88%
CMY	0.1059, 0.2666, 0.1176
CMYK	0.00, 0.18, 0.01, 0.11
HSL	304°, 43%, 81%
HSV	304°, 18%, 89%
XYZ	63.3558, 57.4709, 78.9879
YIQ	203.5910, 12.2380, 20.5100

Conversions

Conversions Part 2

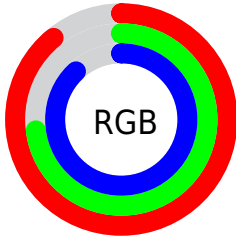
Format	Color
R _Y B	228, 187, 225
Decimal	14990305
CIE Lab	80.44, 21.06, -13.42
CIE LCh	80, 24.978, 327.491
Yxy	57.4709, 0.3171, 0.2876
Android (android.graphics.Color)	4293180385 (0xFFE4BBE1)
YUV	203.5910, 10.5546, 21.4067
Hunter-Lab	75.8096, 16.5098, -8.7091

Details

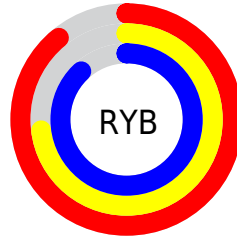
The XYZ color **63.3558, 57.4709, 78.9879** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.5334, 69.7709, 59.1531**, and the grayscale version is **57.0681, 60.0401, 65.3837**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **32.7941, 28.7231, 41.8459** is the 20% darker color. If you saturate the color by 10%, you get **58.6717, 48.4643, 76.3096**, and if you desaturate by 10%, it is **68.8135, 68.0192, 81.9364**.

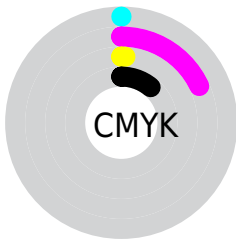
Distribution



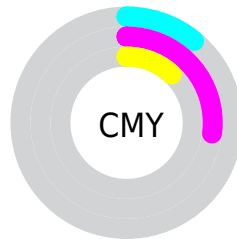
- Red (89%)
- Green (73%)
- Blue (88%)



- Red (89%)
- Yellow (73%)
- Blue (88%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3558, 57.4709, 78.9879 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 63.3558, 57.4709, 78.9879 by changing the saturation by 10% instead.

63.3558, 57.4709,
78.9879

63.3558, 57.4709,
78.9879

426.4988,
415.2115, 511.1319

46.3888, 41.3834,
58.3646

108.7616,
101.1520, 133.7403

32.7587, 28.6188,
41.6852

137.9311,
129.5144, 168.7066

22.1000, 18.7926,
28.5311

171.8989,
162.7372, 209.2908

14.0474, 11.5205,
18.4839

211.0303,
201.2048, 255.9117

8.2356, 6.4181,
11.1249

255.6906,
245.3017, 308.9877

4.2991, 3.1009,
6.0357

306.2452,

1.8727, 1.1847,

295.4121, 368.9374

2.7977

363.0595,
351.9206, 436.1793

■ 0.5609, 0.0491,
0.9923

■ 0.0000, 0.0000,
0.0000

■ 63.3558, 57.4709,
78.9879

■ 63.3558, 57.4709,
78.9879

■ 58.6717, 48.4643,
76.3096

■ 68.8135, 68.0192,
81.9364

■ 54.7198, 40.9196,
73.8856

■ 75.0733, 80.1692,
85.1626

■ 51.4629, 34.7611,
71.7042

■ 82.0392, 93.7277,
88.6352

■ 48.8581, 29.9035,
69.7511

■ 82.2747, 93.8219,
89.8754

46.8581, 26.2519,
68.0104

82.5125, 93.9170,
91.1275

45.4091, 23.6987,
66.4642

82.7525, 94.0131,
92.3914

44.4477, 22.1172,
65.0913

82.9948, 94.1100,
93.6673

43.8852, 21.3301,
63.8621

83.2393, 94.2078,
94.9551

43.7928, 21.2132,
63.6223

83.4861, 94.3065,
96.2548

Harmonies

Analogous

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



59.2968, 57.4709, 91.0729



63.3558, 57.4709, 78.9879



65.0637, 57.4709, 63.8187

Triad

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



63.3558, 57.4709, 78.9879



55.0566, 57.4709, 38.4199



46.3470, 57.4709, 76.5166

Complementary

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



63.3558, 57.4709, 78.9879



57.5334, 69.7709, 59.1531

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.



45.3660, 57.4709, 61.3496



63.3558, 57.4709, 78.9879



50.2041, 57.4709, 40.7460

Square

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



63.3558, 57.4709, 78.9879



60.0889, 57.4709, 41.6805



46.7344, 57.4709, 48.6112



49.5016, 57.4709, 89.4966

Rectangle

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



63.3558, 57.4709, 78.9879



64.5641, 57.4709, 54.4775



46.7344, 57.4709, 48.6112



45.7611, 57.4709, 71.4399

Sweetspot

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



63.3575, 57.4734, 78.9891



90.9667, 92.0732, 106.7996



52.9451, 52.0579, 80.6574



19.3524, 19.4781, 22.7979



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.



63.3575, 57.4734, 78.9891



79.0364, 69.0192, 100.3360



60.7585, 56.4338, 65.3028



14.9472, 14.5961, 17.9223



25.3064, 12.2568, 36.8383



1.8838, 0.9112, 2.7943

Inverse Universe

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



63.3575, 57.4734, 78.9891



79.0364, 69.0192, 100.3360



59.9009, 70.7179, 71.6201



14.9472, 14.5961, 17.9223



25.3064, 12.2568, 36.8383



1.8838, 0.9112, 2.7943

Previews

White Background



This preview shows how the XYZ color 63.3558, 57.4709, 78.9879 looks on a white background.

Color Contrast Check

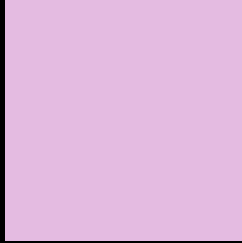
Large Text (above 18pt) WCAG AA × Fail

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 63.3558, 57.4709, 78.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

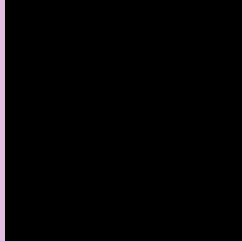
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3558, 57.4709, 78.9879

Background



This preview shows how black text looks on a background with the XYZ color 63.3558, 57.4709, 78.9879.



This preview shows how white text looks on a background with the XYZ color 63.3558, 57.4709,

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

63.3558, 57.4709, 78.9879

Protanopia

57.0077, 57.6837, 84.4734

Deuteranopia

58.9821, 57.8219, 78.5731



Tritanopia

60.4842, 57.2422, 65.6186

Trichromacy



Original Color

63.3558, 57.4709, 78.9879

Protanomaly

58.8882, 57.3625, 82.0971

Deuteranomaly

60.3285, 57.5282, 78.4454

Tritanomaly

61.4453, 57.3174, 70.1122

Monochromacy



Original Color

63.3558, 57.4709, 78.9879

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.5183, 59.2878, 70.5941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3558, 57.4709, 78.9879 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(228, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 187, 225)  
}
```

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(228, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 187, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.3558, 57.4709, 78.9879 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(228, 187, 225) }
```


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

```
.border{ border-color:rgb(228, 187, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 187, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 187, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 187, 225);  
box-shadow:4px 4px 4px 4px rgb(228, 187,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3558, 57.4709, 78.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 187, 225) }
```

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

```
.background{ background-color: rgb(228,  
187, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor