

Converting Colors

XYZ(63.4424, 57.2994, 80.6105)

Have a look what the booklet for
XYZ(63.4424, 57.2994, 80.6105)
contains.

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Color

**XYZ(63.4189, 57.1578,
80.3631)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BAE3
RGB	228, 186, 227
RGB Percent	89%, 73%, 89%
CMY	0.1059, 0.2706, 0.1098
CMYK	0.00, 0.18, 0.00, 0.11
HSL	301°, 44%, 81%
HSV	301°, 18%, 89%
XYZ	63.4189, 57.1578, 80.3631
YIQ	203.2320, 11.8710, 21.6550

Conversions

Conversions Part 2

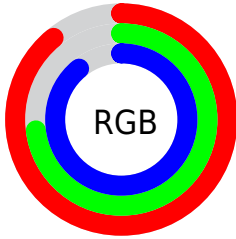
Format	Color
R _Y B	228, 186, 227
Decimal	14990051
CIE Lab	80.27, 21.97, -14.76
CIE LCh	80, 26.466, 326.094
Yxy	57.1578, 0.3156, 0.2845
Android (android.graphics.Color)	4293180131 (0xFFE4BAE3)
YUV	203.2320, 11.7176, 21.7215
Hunter-Lab	75.6028, 17.4287, -10.1012

Details

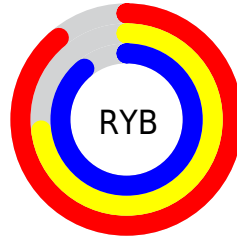
The XYZ color **63.4189, 57.1578, 80.3631** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.9649, 69.5154, 57.4321**, and the grayscale version is **56.8353, 59.7952, 65.1170**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **32.8472, 28.5243, 42.8042** is the 20% darker color. If you saturate the color by 10%, you get **58.9194, 48.2776, 78.4947**, and if you desaturate by 10%, it is **68.6884, 67.5758, 82.4906**.

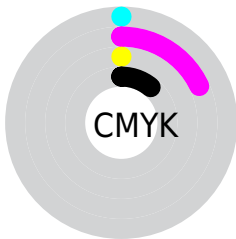
Distribution



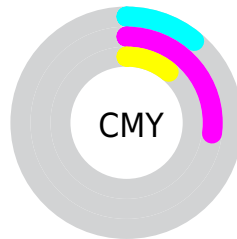
- Red (89%)
- Green (73%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4189, 57.1578, 80.3631 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 63.4189, 57.1578, 80.3631 by changing the saturation by 10% instead.

63.4189, 57.1578,
80.3631

63.4189, 57.1578,
80.3631

426.7237,
414.0403, 515.8947

46.4401, 41.1319,
59.4893

108.8521,
100.6954, 135.6921

32.7993, 28.4222,
42.5845

138.0371,
128.9759, 170.9844

22.1313, 18.6442,
29.2303

172.0216,
162.1102, 211.9199

14.0705, 11.4134,
19.0080

211.1710,
200.4825, 258.9171

8.2518, 6.3456,
11.4992

255.8505,
244.4772, 312.3947

4.3096, 3.0564,
6.2853

306.4256,

1.8787, 1.1612,

294.4789, 372.7711

2.9477

363.2615,
350.8718, 440.4649

■ 0.5644, 0.0297,
1.0680

■ 0.0000, 0.0000,
0.0000

■ 63.4189, 57.1578,
80.3631

■ 63.4189, 57.1578,
80.3631

■ 58.9194, 48.2776,
78.4947

■ 68.6884, 67.5758,
82.4906

■ 55.1485, 40.8552,
76.8697

■ 74.7567, 79.5918,
84.8849

■ 52.0688, 34.8147,
75.4763

■ 81.6572, 93.2720,
87.5578

■ 49.6373, 30.0704,
74.3001

■ 81.9224, 93.6810,
88.0201

47.8064, 26.5269,
73.3252

81.9984, 93.7114,
88.4205

46.5220, 24.0759,
72.5337

82.0747, 93.7419,
88.8221

45.7201, 22.5895,
71.9042

82.1512, 93.7726,
89.2250

45.3076, 21.8817,
71.4056

82.2280, 93.8033,
89.6291

45.2569, 21.7988,
71.3317

82.3049, 93.8340,
90.0345

Harmonies

Analogous

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



59.0284, 57.1578, 92.9827



63.4189, 57.1578, 80.3631



65.3716, 57.1578, 64.2853

Triad

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



63.4189, 57.1578, 80.3631



55.0380, 57.1578, 37.0081



45.5158, 57.1578, 76.2693

Complementary

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



63.4189, 57.1578, 80.3631



56.9649, 69.5154, 57.4321

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.



44.6018, 57.1578, 60.2291



63.4189, 57.1578, 80.3631



49.8817, 57.1578, 39.1448

Square

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



63.4189, 57.1578, 80.3631



60.3342, 57.1578, 40.6525



46.1480, 57.1578, 47.0615



48.7319, 57.1578, 90.3574

Rectangle

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



63.4189, 57.1578, 80.3631



64.9390, 57.1578, 54.3418



46.1480, 57.1578, 47.0615



44.9387, 57.1578, 70.8581

Sweetspot

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



63.4206, 57.1603, 80.3643



90.3032, 90.6002, 107.0286



51.9852, 51.2491, 80.5519



19.2229, 19.1830, 22.8666



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.



63.4206, 57.1603, 80.3643



79.4760, 69.1951, 102.6512



60.7328, 56.0852, 66.2104



14.9795, 14.6090, 18.0925



26.1393, 12.5899, 41.2242



1.9363, 0.9322, 3.0713

Inverse Universe

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



63.4206, 57.1603, 80.3643



79.4760, 69.1951, 102.6512



59.3434, 70.4668, 69.9569



14.9795, 14.6090, 18.0925



26.1393, 12.5899, 41.2242



1.9363, 0.9322, 3.0713

Previews

White Background



This preview shows how the XYZ color 63.4189, 57.1578, 80.3631 looks on a white background.

Color Contrast Check

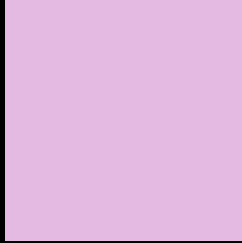
Large Text (above 18pt) WCAG AA × Fail

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 63.4189, 57.1578, 80.3631 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 63.4189, 57.1578, 80.3631

Background



This preview shows how black text looks on a background with the XYZ color 63.4189, 57.1578, 80.3631.



This preview shows how white text looks on a background with the XYZ color 63.4189, 57.1578,

80.3631.

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

63.4189, 57.1578, 80.3631

Protanopia

56.9277, 57.5928, 86.7134

Deuteranopia

58.3360, 57.1416, 79.1890



Tritanopia

60.4842, 57.2422, 65.6186

Trichromacy



Original Color

63.4189, 57.1578, 80.3631

Protanomaly

59.0341, 57.3889, 84.3097

Deuteranomaly

60.0898, 57.0487, 79.7959

Tritanomaly

61.5719, 57.3680, 70.7787

Monochromacy



Original Color

63.4189, 57.1578, 80.3631

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.0013, 58.6830, 70.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4189, 57.1578, 80.3631 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, 186, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 186, 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(228, 186, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 186, 227) }
```

Border

The CSS property to change the border of an element to XYZ 63.4189, 57.1578, 80.3631 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, 186, 227) }
```


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

```
.border{ border-color:rgb(228, 186, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 186, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 186, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 186, 227); box-shadow:4px 4px 4px 4px rgb(228, 186, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4189, 57.1578, 80.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 186, 227) }
```

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

```
.background{ background-color: rgb(228,  
186, 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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