

Converting Colors

XYZ(63.3519, 57.2700, 65.4742)

Have a look what the booklet for
XYZ(63.3519, 57.2700, 65.4742)
contains.

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Color

**XYZ(63.2935, 57.1102,
65.4451)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB9CD
RGB	237, 185, 205
RGB Percent	93%, 73%, 80%
CMY	0.0706, 0.2745, 0.1961
CMYK	0.00, 0.22, 0.14, 0.07
HSL	337°, 59%, 83%
HSV	337°, 22%, 93%
XYZ	63.2935, 57.1102, 65.4451
YIQ	202.8280, 24.5720, 17.2440

Conversions

Conversions Part 2

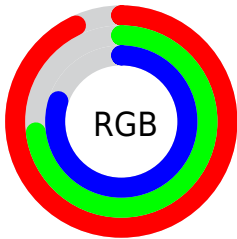
Format	Color
R _Y B	237, 185, 205
Decimal	15579597
CIE Lab	80.24, 21.79, -2.85
CIE LCh	80, 21.978, 352.544
Yxy	57.1102, 0.3406, 0.3073
Android (android.graphics.Color)	4293769677 (0xFFEDB9CD)
YUV	202.8280, 1.0708, 29.9688
Hunter-Lab	75.5713, 17.2500, 1.5545

Details

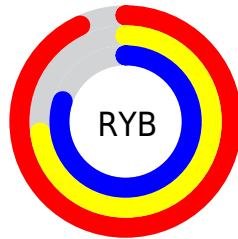
The XYZ color **63.2935, 57.1102, 65.4451** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.8185, 75.8940, 76.9873**, and the grayscale version is **56.6409, 59.5906, 64.8942**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **32.8932, 28.5607, 33.0573** is the 20% darker color. If you saturate the color by 10%, you get **57.0635, 47.3372, 55.0831**, and if you desaturate by 10%, it is **70.5173, 68.6068, 76.9496**.

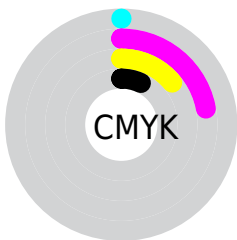
Distribution



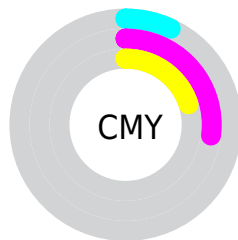
- Red (93%)
- Green (73%)
- Blue (80%)



- Red (93%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2935, 57.1102, 65.4451 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 63.2935, 57.1102, 65.4451 by changing the saturation by 10% instead.


 63.2935, 57.1102,
65.4451

 63.2935, 57.1102,
65.4451


426.2766,
413.8621, 462.7397

 46.3382, 41.0937,
47.3685


 108.6723,
100.6260, 114.3089

 32.7186, 28.3923,
32.9706


137.8265,
128.8940, 145.9332

 22.0691, 18.6216,
21.8330


171.7777,
162.0148, 182.9104

 14.0246, 11.3972,
13.5371

210.8913,
200.3726, 225.6591

 8.2196, 6.3347,
7.6644

255.5327,
244.3518, 274.5978

 4.2888, 3.0496,
3.7963

306.0671,

 1.8668, 1.1577,

294.3369, 330.1452

1.5143

362.8600,
350.7122, 392.7196

■ 0.5574, 0.0267,
0.2285

■ 0.0000, 0.0000,
0.0000

■ 63.2935, 57.1102,
65.4451

■ 63.2935, 57.1102,
65.4451

■ 57.0635, 47.3372,
55.0831

■ 70.5173, 68.6068,
76.9496

■ 51.7770, 39.1965,
45.8227

■ 78.7725, 81.8971,
89.6282

■ 47.3866, 32.5998,
37.6259

■ 87.7467, 96.3492,
103.3979

■ 43.8386, 27.4475,
30.4507

■ 88.7354, 96.7447,
108.6045

■ 41.0731, 23.6283,
24.2517

■ 39.0218, 21.0141,
18.9794

■ 37.6033, 19.4513,
14.5784

■ 36.8199, 18.7625,
11.6108

Harmonies

Analogous

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



61.4224, 57.1102, 78.4530



63.2935, 57.1102, 65.4451



62.6462, 57.1102, 53.1830

Triad

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



63.2935, 57.1102, 65.4451



51.0405, 57.1102, 42.0403



49.2018, 57.1102, 83.9323

Complementary

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



63.2935, 57.1102, 65.4451



62.8185, 75.8940, 76.9873

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.



46.6967, 57.1102, 72.1457



63.2935, 57.1102, 65.4451



47.7167, 57.1102, 48.3344

Square

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



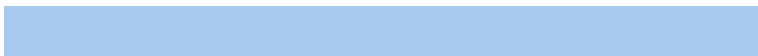
63.2935, 57.1102, 65.4451



55.4088, 57.1102, 40.7601



46.1684, 57.1102, 59.0317



53.1696, 57.1102, 90.0418

Rectangle

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



63.2935, 57.1102, 65.4451



60.8894, 57.1102, 46.9278



46.1684, 57.1102, 59.0317



48.1699, 57.1102, 80.4313

Sweetspot

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



63.2951, 57.1128, 65.4463



87.8990, 88.4478, 98.0389



61.0152, 55.4446, 87.6076



18.6882, 18.7291, 20.7909



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.



63.2951, 57.1128, 65.4463



71.5359, 62.3914, 72.0226



62.1408, 58.4235, 53.9037



15.3052, 15.1499, 16.8925



20.1615, 10.2673, 6.6518



1.6289, 0.8245, 0.7632

Inverse Universe

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



63.2951, 57.1128, 65.4463



71.5359, 62.3914, 72.0226



64.0959, 74.0310, 91.0328



15.3052, 15.1499, 16.8925



20.1615, 10.2673, 6.6518



1.6289, 0.8245, 0.7632

Previews

White Background



This preview shows how the XYZ color 63.2935, 57.1102, 65.4451 looks on a white background.

Color Contrast Check

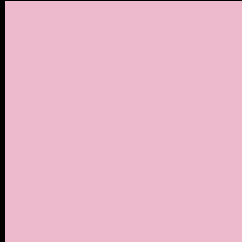
Large Text (above 18pt) WCAG AA × Fail

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 63.2935, 57.1102, 65.4451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

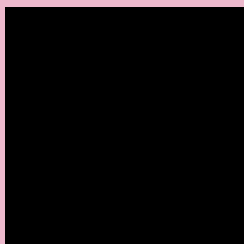
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2935, 57.1102, 65.4451

Background



This preview shows how black text looks on a background with the XYZ color 63.2935, 57.1102, 65.4451.



This preview shows how white text looks on a background with the XYZ color 63.2935, 57.1102,

65.4451.

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

63.2935, 57.1102, 65.4451

Protanopia

55.7575, 57.3344, 71.0787

Deuteranopia

58.4647, 57.2034, 64.4599



Tritanopia

62.5763, 57.1208, 62.3709

Trichromacy



Original Color

63.2935, 57.1102, 65.4451

Protanomaly

58.1434, 56.9392, 68.8986

Deuteranomaly

60.0530, 57.0338, 64.9702

Tritanomaly

62.8116, 57.2149, 63.6102

Monochromacy



Original Color

63.2935, 57.1102, 65.4451

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.6633, 58.2866, 65.2853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2935, 57.1102, 65.4451 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(237, 185, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 185, 205)  
}
```

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(237, 185, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 185, 205) }
```

Border

The CSS property to change the border of an element to XYZ 63.2935, 57.1102, 65.4451 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(237, 185, 205) }
```


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

```
.border{ border-color:rgb(237, 185, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 185, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 185, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 185, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 185,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2935, 57.1102, 65.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 185, 205) }
```

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

```
.background{ background-color: rgb(237,  
185, 205) }
```

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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