

Converting Colors

XYZ(63.3178, 57.1814, 85.5428)

Have a look what the booklet for
XYZ(63.3178, 57.1814, 85.5428)
contains.

XYZ(63.3621, 57.3285, 85.5679)	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(63.3621, 57.3285,
85.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BBEA
RGB	224, 187, 234
RGB Percent	88%, 73%, 92%
CMY	0.1216, 0.2666, 0.0823
CMYK	0.04, 0.20, 0.00, 0.08
HSL	287°, 53%, 83%
HSV	287°, 20%, 92%
XYZ	63.3621, 57.3285, 85.5679
YIQ	203.4210, 6.9650, 22.4610

Conversions

Conversions Part 2

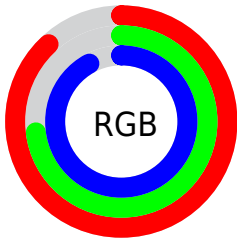
Format	Color
R _Y B	224, 187, 234
Decimal	14728170
CIE Lab	80.36, 21.42, -18.42
CIE LCh	80, 28.252, 319.311
Yxy	57.3285, 0.3072, 0.2779
Android (android.graphics.Color)	4292918250 (0xFFE0BBEA)
YUV	203.4210, 15.0754, 18.0478
Hunter-Lab	75.7156, 16.8743, -14.0041

Details

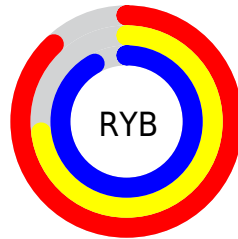
The XYZ color **63.3621, 57.3285, 85.5679** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.4205, 74.3053, 58.1217**, and the grayscale version is **56.9360, 59.9011, 65.2323**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **32.7094, 28.5894, 45.9138** is the 20% darker color. If you saturate the color by 10%, you get **57.2766, 47.4139, 83.9758**, and if you desaturate by 10%, it is **70.3051, 68.8889, 87.4342**.

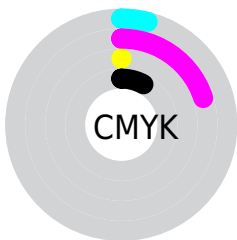
Distribution



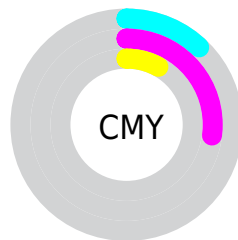
- Red (88%)
- Green (73%)
- Blue (92%)



- Red (88%)
- Yellow (73%)
- Blue (92%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)





- Cyan (12%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3621, 57.3285, 85.5679 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 63.3621, 57.3285, 85.5679 by changing the saturation by 10% instead.


 63.3621, 57.3285,
85.5679

 63.3621, 57.3285,
85.5679


426.5212,
414.6791, 533.6989

 46.3940, 41.2690,
63.7579


 108.7706,
100.9444, 143.0475

 32.7627, 28.5294,
46.0097


137.9417,
129.2695, 179.5543

 22.1031, 18.7251,
31.9047


171.9112,
162.4521, 221.7969

 14.0497, 11.4718,
21.0245

211.0443,
200.8764, 270.1941

 8.2372, 6.3851,
12.9505

255.7066,
244.9269, 325.1644

 4.3002, 3.0806,
7.2641

306.2632,

 1.8733, 1.1740,

294.9879, 387.1262

3.5469

363.0797,
351.4438, 456.4982

■ 0.5613, 0.0403,
1.3802

■ 0.0000, 0.0000,
0.1262

■ 63.3621, 57.3285,
85.5679

■ 63.3621, 57.3285,
85.5679

■ 57.2766, 47.4139,
83.9758

■ 70.3051, 68.8889,
87.4342

■ 52.0039, 39.0594,
82.6411

■ 78.1373, 82.1610,
89.5832

■ 47.5029, 32.1825,
81.5510

■ 86.1873, 95.8006,
91.7916

■ 43.7268, 26.6900,
80.6898

■ 87.8910, 96.6789,
91.8713

■ 40.6235, 22.4782,
80.0404

■ 89.6414, 97.5813,
91.9533

■ 38.1333, 19.4284,
79.5830

■ 91.4388, 98.5079,
92.0374

■ 36.1852, 17.3994,
79.2941

■ 91.8515, 98.7206,
92.0567

■ 34.6695, 16.1571,
79.1342

Harmonies

Analogous

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



58.2492, 57.3285, 97.5531



63.3621, 57.3285, 85.5679



66.1613, 57.3285, 68.5156

Triad

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



63.3621, 57.3285, 85.5679



56.5775, 57.3285, 36.0677



44.6550, 57.3285, 73.5544

Complementary

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



63.3621, 57.3285, 85.5679



61.4205, 74.3053, 58.1217

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.



44.2773, 57.3285, 56.6989



63.3621, 57.3285, 85.5679



50.8943, 57.3285, 36.9341

Square

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



63.3621, 57.3285, 85.5679



62.0641, 57.3285, 41.2552



46.4856, 57.3285, 43.8771



47.5568, 57.3285, 89.8131

Rectangle

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



63.3621, 57.3285, 85.5679



66.2142, 57.3285, 57.4096



46.4856, 57.3285, 43.8771



44.2368, 57.3285, 67.7158

Sweetspot

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



63.3639, 57.3310, 85.5691



89.1743, 90.0115, 107.2817



55.3551, 56.5238, 85.8355



18.9553, 19.0434, 22.9267



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.



63.3639, 57.3310, 85.5691



73.9078, 64.5880, 103.1791



64.7128, 58.2392, 76.0178



15.3829, 15.1427, 19.0343



19.5917, 9.1358, 44.4738



1.6166, 0.7577, 3.4959

Inverse Universe

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



61.7821, 57.0669, 60.5848



71.7280, 64.2509, 67.5384



60.3808, 73.5969, 65.8635



15.1966, 15.1065, 16.3206



19.4261, 9.9731, 2.7794



1.5600, 0.7970, 0.4003

Previews

White Background



This preview shows how the XYZ color 63.3621, 57.3285, 85.5679 looks on a white background.

Color Contrast Check

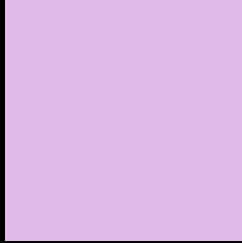
Large Text (above 18pt) WCAG AA × Fail

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 63.3621, 57.3285, 85.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

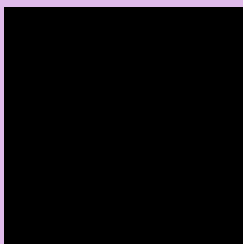
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3621, 57.3285, 85.5679

Background



This preview shows how black text looks on a background with the XYZ color 63.3621, 57.3285, 85.5679.



This preview shows how white text looks on a background with the XYZ color 63.3621, 57.3285,

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

63.3621, 57.3285, 85.5679

Protanopia

57.3065, 57.6862, 91.3333

Deuteranopia

58.8517, 57.6099, 85.1088



Tritanopia

59.6273, 57.4199, 66.9719

Trichromacy



Original Color

63.3621, 57.3285, 85.5679

Protanomaly

59.0815, 57.3132, 88.8375

Deuteranomaly

60.4216, 57.4313, 84.9916

Tritanomaly

60.7566, 57.2088, 73.4858

Monochromacy



Original Color

63.3621, 57.3285, 85.5679

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.9678, 58.6364, 71.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3621, 57.3285, 85.5679 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(224, 187, 234)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 234)  
}
```

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(224, 187, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 234) }
```

Border

The CSS property to change the border of an element to XYZ 63.3621, 57.3285, 85.5679 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(224, 187, 234) }
```


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

```
.border{ border-color:rgb(224, 187, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 187, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3621, 57.3285, 85.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 234) }
```

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

```
.background{ background-color: rgb(224,  
187, 234) }
```

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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