

Converting Colors

XYZ(62.9668, 57.4580, 63.4786)

Have a look what the booklet for
XYZ(62.9668, 57.4580, 63.4786)
contains.

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Color

**XYZ(63.0231, 57.6378,
63.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBBCA
RGB	236, 187, 202
RGB Percent	93%, 73%, 79%
CMY	0.0745, 0.2666, 0.2078
CMYK	0.00, 0.21, 0.14, 0.07
HSL	342°, 56%, 83%
HSV	342°, 21%, 93%
XYZ	63.0231, 57.6378, 63.6806
YIQ	203.3610, 24.3890, 15.0530

Conversions

Conversions Part 2

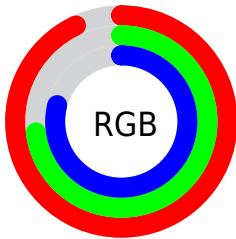
Format	Color
R _Y B	236, 187, 202
Decimal	15514570
CIE Lab	80.54, 19.90, -0.81
CIE LCh	81, 19.913, 357.663
Yxy	57.6378, 0.3419, 0.3127
Android (android.graphics.Color)	4293704650 (0xFFECBBCA)
YUV	203.3610, -0.6710, 28.6244
Hunter-Lab	75.9196, 15.3190, 3.4118

Details

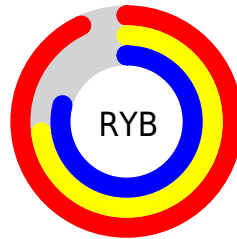
The XYZ color **63.0231, 57.6378, 63.6806** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.5425, 75.7777, 79.6879**, and the grayscale version is **56.9863, 59.9541, 65.2900**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **32.6928, 28.8916, 31.8705** is the 20% darker color. If you saturate the color by 10%, you get **56.5847, 47.7009, 52.4700**, and if you desaturate by 10%, it is **70.4933, 69.3077, 76.2518**.

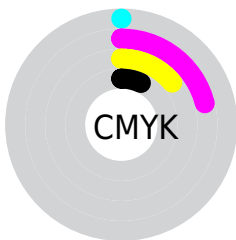
Distribution



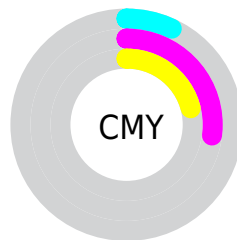
- Red (93%)
- Green (73%)
- Blue (79%)



- Red (93%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0231, 57.6378, 63.6806 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 63.0231, 57.6378, 63.6806 by changing the saturation by 10% instead.

 63.0231, 57.6378,
63.6806

 63.0231, 57.6378,
63.6806


425.3116,
415.8349, 456.2111

 46.1186, 41.5175,
45.9475

 108.2845,
101.3952, 111.7459

 32.5445, 28.7237,
31.8560


137.3720,
129.8012, 142.9151

 21.9353, 18.8719,
20.9876


171.2514,
163.0711, 179.4001

 13.9257, 11.5778,
12.9238

210.2878,
201.5895, 221.6195

 8.1503, 6.4569,
7.2460

254.8467,
245.7407, 269.9917

 4.2439, 3.1248,
3.5356

305.2934,

 1.8410, 1.1972,

295.9090, 324.9354

1.3742

361.9933,
352.4790, 386.8690

■ 0.5422, 0.0594,
0.1215

■ 0.0000, 0.0000,
0.0000

■ 63.0231, 57.6378,
63.6806

■ 63.0231, 57.6378,
63.6806

■ 56.5847, 47.7009,
52.4700

■ 70.4933, 69.3077,
76.2518

■ 51.1267, 39.4063,
42.5694

■ 79.0339, 82.7800,
90.2246

■ 46.6005, 32.6668,
33.9300

■ 87.7858, 96.3264,
105.3422

■ 42.9513, 27.3842,
26.4986

■ 88.4024, 96.5730,
108.5889

■ 40.1180, 23.4488,
20.2179

■ 38.0318, 20.7350,
15.0251

■ 36.6107, 19.0935,
10.8504

■ 35.7696, 18.3039,
7.8182

Harmonies

Analogous

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



61.7005, 57.6378, 75.5934



63.0231, 57.6378, 63.6806



62.0483, 57.6378, 52.8703

Triad

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



63.0231, 57.6378, 63.6806



51.2120, 57.6378, 44.8473



50.6829, 57.6378, 83.7777

Complementary

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



63.0231, 57.6378, 63.6806



63.5425, 75.7777, 79.6879

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.



48.1082, 57.6378, 73.8070



63.0231, 57.6378, 63.6806



48.4029, 57.6378, 51.4641

Square

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



63.0231, 57.6378, 63.6806



55.1043, 57.6378, 42.8351



47.2944, 57.6378, 61.8439



54.4630, 57.6378, 88.0610

Rectangle

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



63.0231, 57.6378, 63.6806



60.2524, 57.6378, 47.5367



47.2944, 57.6378, 61.8439



49.6550, 57.6378, 80.9238

Sweetspot

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



63.0247, 57.6404, 63.6818



88.6992, 89.9586, 98.5818



62.5744, 56.8908, 87.0406



18.8434, 19.0312, 20.8681



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.



63.0247, 57.6404, 63.6818



71.6533, 63.3219, 69.9171



63.2999, 60.8956, 55.4346



15.2553, 15.1300, 16.6296



19.7673, 10.1096, 4.5760



1.5937, 0.8105, 0.5781

Inverse Universe

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



63.0247, 57.6404, 63.6818



71.6533, 63.3219, 69.9171



63.1095, 71.5700, 89.8458



15.2553, 15.1300, 16.6296



19.7673, 10.1096, 4.5760



1.5937, 0.8105, 0.5781

Previews

White Background



This preview shows how the XYZ color 63.0231, 57.6378, 63.6806 looks on a white background.

Color Contrast Check

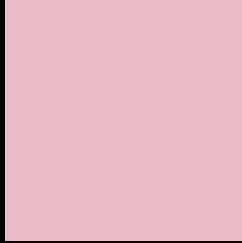
Large Text (above 18pt) WCAG AA × Fail

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 63.0231, 57.6378, 63.6806 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 63.0231, 57.6378, 63.6806

Background



This preview shows how black text looks on a background with the XYZ color 63.0231, 57.6378, 63.6806.



This preview shows how white text looks on a background with the XYZ color 63.0231, 57.6378,

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

63.0231, 57.6378, 63.6806

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

59.0478, 57.8607, 63.3144



Tritanopia

63.0231, 57.6378, 63.6806

Trichromacy



Original Color

63.0231, 57.6378, 63.6806

Protanomaly

58.3872, 57.7826, 66.4683

Deuteranomaly

60.2248, 57.4862, 63.1801

Tritanomaly

63.0231, 57.6378, 63.6806

Monochromacy



Original Color

63.0231, 57.6378, 63.6806

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.7701, 58.6914, 64.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0231, 57.6378, 63.6806 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(236, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(236, 187, 202)  
}
```

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(236, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 187, 202) }
```

Border

The CSS property to change the border of an element to XYZ 63.0231, 57.6378, 63.6806 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(236, 187, 202) }
```


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

```
.border{ border-color:rgb(236, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(236, 187,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0231, 57.6378, 63.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 187, 202) }
```

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

```
.background{ background-color: rgb(236,  
187, 202) }
```

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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