

Converting Colors

XYZ(63.0175, 59.9353, 66.8227)

Have a look what the booklet for
XYZ(63.0175, 59.9353, 66.8227)
contains.

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Color

**XYZ(63.0655, 59.8628,
66.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C2CE
RGB	230, 194, 206
RGB Percent	90%, 76%, 81%
CMY	0.0980, 0.2392, 0.1922
CMYK	0.00, 0.16, 0.10, 0.10
HSL	340°, 42%, 83%
HSV	340°, 16%, 90%
XYZ	63.0655, 59.8628, 66.6233
YIQ	206.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

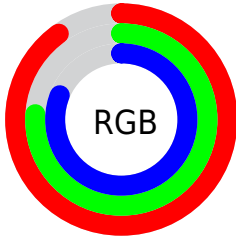
Format	Color
R _Y B	230, 194, 206
Decimal	15123150
CIE Lab	81.76, 14.71, -1.23
CIE LCh	82, 14.759, 355.201
Yxy	59.8628, 0.3327, 0.3158
Android (android.graphics.Color)	4293313230 (0xFFE6C2CE)
YUV	206.1320, -0.0651, 20.9322
Hunter-Lab	77.3711, 10.0968, 3.1058

Details

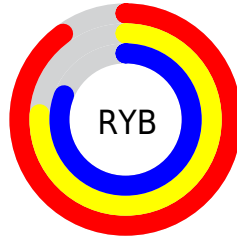
The XYZ color **63.0655, 59.8628, 66.6233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.2022, 73.1265, 77.1169**, and the grayscale version is **58.7447, 61.8040, 67.3045**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **32.5011, 30.0218, 33.7876** is the 20% darker color. If you saturate the color by 10%, you get **56.5646, 49.6979, 55.7093**, and if you desaturate by 10%, it is **70.5438, 71.6901, 78.7614**.

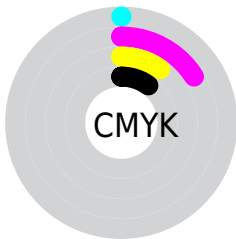
Distribution



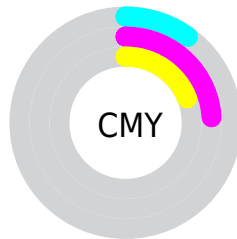
- Red (90%)
- Green (76%)
- Blue (81%)



- Red (90%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0655, 59.8628, 66.6233 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 63.0655, 59.8628, 66.6233 by changing the saturation by 10% instead.

 63.0655, 59.8628,
66.6233

 63.0655, 59.8628,
66.6233


425.4630,
424.0919, 467.0677

 46.1530, 43.3081,
48.3189

 108.3453,
104.6306, 116.0160

 32.5717, 30.1269,
33.7177


137.4433,
133.6125, 147.9413

 21.9562, 19.9349,
22.4012


171.3339,
167.5055, 185.2441

 13.9412, 12.3478,
13.9509

210.3825,
206.6941, 228.3428

 8.1612, 6.9810,
7.9481

254.9543,
251.5626, 277.6559

 4.2509, 3.4502,
3.9745

305.4148,

 1.8451, 1.3710,

302.4955, 333.6021

1.6114

362.1292,
359.8771, 396.5998

■ 0.5446, 0.1952,
0.2989

■ 0.0000, 0.0000,
0.0000

■ 63.0655, 59.8628,
66.6233

■ 63.0655, 59.8628,
66.6233

■ 56.5646, 49.6979,
55.7093

■ 70.5438, 71.6901,
78.7614

■ 50.9946, 41.1128,
45.9760

■ 79.0333, 85.2419,
92.1572

■ 46.3125, 34.0296,
37.3834

■ 85.9652, 95.3719,
105.9787

■ 42.4700, 28.3608,
29.8870

■ 86.4435, 95.5632,
108.4972

■ 39.4139, 24.0095,
23.4396

■ 37.0846, 20.8667,
17.9900

■ 35.4131, 18.8054,
13.4816

■ 34.3158, 17.6698,
9.8507

■ 33.9607, 17.3541,
8.5163

Harmonies

Analogous

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



61.9495, 59.8628, 75.4480



63.0655, 59.8628, 66.6233



62.4803, 59.8628, 58.1586

Triad

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



63.0655, 59.8628, 66.6233



54.3900, 59.8628, 50.8835



53.5537, 59.8628, 80.2750

Complementary

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



63.0655, 59.8628, 66.6233



63.2022, 73.1265, 77.1169

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.



51.6581, 59.8628, 72.7458



63.0655, 59.8628, 66.6233



52.1285, 59.8628, 55.8894

Square

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



63.0655, 59.8628, 66.6233



57.3994, 59.8628, 49.5643



51.1459, 59.8628, 63.7585



56.3991, 59.8628, 83.7738

Rectangle

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



63.0655, 59.8628, 66.6233



61.2151, 59.8628, 53.7705



51.1459, 59.8628, 63.7585



52.7884, 59.8628, 78.1000

Sweetspot

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



63.0672, 59.8655, 66.6246



89.7779, 91.5977, 100.5393



62.4903, 59.2050, 82.9978



19.0632, 19.3625, 21.2750



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.



63.0672, 59.8655, 66.6246



76.7223, 70.9793, 79.2543



63.0270, 62.0292, 59.6931



14.5741, 14.4468, 15.9577



19.2772, 9.8451, 5.0885



1.4664, 0.7443, 0.5965

Inverse Universe

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



63.0672, 59.8655, 66.6246



76.7223, 70.9793, 79.2543



63.1887, 70.4955, 85.1403



14.5741, 14.4468, 15.9577



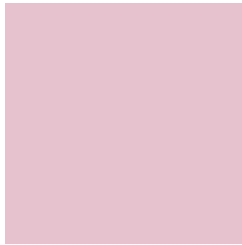
19.2772, 9.8451, 5.0885



1.4664, 0.7443, 0.5965

Previews

White Background



This preview shows how the XYZ color 63.0655, 59.8628, 66.6233 looks on a white background.

Color Contrast Check

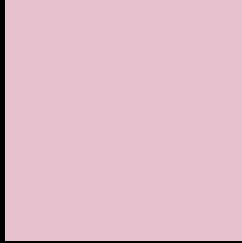
Large Text (above 18pt) WCAG AA × Fail

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 63.0655, 59.8628, 66.6233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

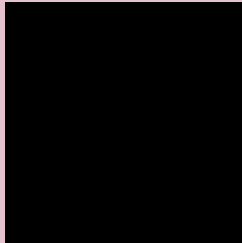
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0655, 59.8628, 66.6233

Background



This preview shows how black text looks on a background with the XYZ color 63.0655, 59.8628, 66.6233.



This preview shows how white text looks on a background with the XYZ color 63.0655, 59.8628,

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

63.0655, 59.8628, 66.6233

Protanopia

58.0552, 59.9233, 70.1345

Deuteranopia

61.1099, 59.8699, 66.0928



Tritanopia

63.4335, 60.0100, 68.5614

Trichromacy



Original Color

63.0655, 59.8628, 66.6233

Protanomaly

59.6636, 59.7464, 68.7092

Deuteranomaly

61.8107, 59.8952, 66.0608

Tritanomaly

63.3101, 59.9606, 67.9113

Monochromacy



Original Color

63.0655, 59.8628, 66.6233

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.2854, 61.1444, 67.0172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0655, 59.8628, 66.6233 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(230, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 206)  
}
```

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(230, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.0655, 59.8628, 66.6233 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(230, 194, 206) }
```


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

```
.border{ border-color:rgb(230, 194, 206) }
```

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

Here you see how a box with a 4 pixel rgb(230, 194, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 206);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0655, 59.8628, 66.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 206) }
```

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

```
.background{ background-color: rgb(230,  
194, 206) }
```

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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