

Converting Colors

XYZ(63.2007, 61.7352, 62.6583)

Have a look what the booklet for
XYZ(63.2007, 61.7352, 62.6583)
contains.

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Color

**XYZ(63.0453, 61.6284,
62.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C7C7
RGB	229, 199, 199
RGB Percent	90%, 78%, 78%
CMY	0.1020, 0.2196, 0.2196
CMYK	0.00, 0.13, 0.13, 0.10
HSL	0°, 37%, 84%
HSV	0°, 13%, 90%
XYZ	63.0453, 61.6284, 62.6055
YIQ	207.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

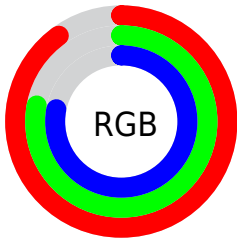
Format	Color
R _Y B	229, 199, 199
Decimal	15058887
CIE Lab	82.72, 10.56, 3.89
CIE LCh	83, 11.252, 20.229
Yxy	61.6284, 0.3366, 0.3291
Android (android.graphics.Color)	4293248967 (0xFFE5C7C7)
YUV	207.9700, -4.4222, 18.4433
Hunter-Lab	78.5038, 5.9693, 7.6698

Details

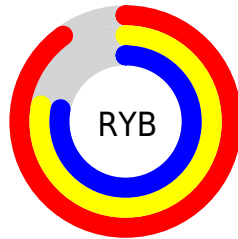
The XYZ color **63.0453, 61.6284, 62.6055** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7149, 73.8362, 84.9175**, and the grayscale version is **59.9559, 63.0782, 68.6922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4698, 31.1794, 31.0949** is the 20% darker color. If you saturate the color by 10%, you get **55.7065, 50.8900, 48.0136**, and if you desaturate by 10%, it is **71.5803, 74.1176, 79.5715**.

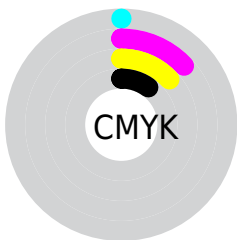
Distribution



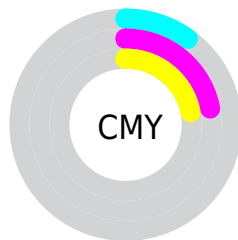
- Red (90%)
- Green (78%)
- Blue (78%)



- Red (90%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0453, 61.6284, 62.6055 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 63.0453, 61.6284, 62.6055 by changing the saturation by 10% instead.

63.0453, 61.6284,
62.6055

63.0453, 61.6284,
62.6055

425.3909,
430.5743, 452.2048

46.1366, 44.7325,
45.0832

108.3163,
107.1883, 110.1802

32.5587, 31.2468,
31.1795

137.4094,
136.6211, 141.0698

21.9462, 20.7868,
20.4760

171.2946,
171.0016, 177.2521

13.9338, 12.9683,
12.5540

210.3374,
210.7143, 219.1458

8.1560, 7.4067,
6.9951

254.9030,
256.1435, 267.1693

4.2476, 3.7177,
3.3806

305.3570,

1.8431, 1.5169,

307.6736, 321.7413

1.2921

362.0645,
365.6891, 383.2803

■ 0.5435, 0.3006,
0.0553

■ 0.0000, 0.0000,
0.0000

■ 63.0453, 61.6284,
62.6055

■ 63.0453, 61.6284,
62.6055

■ 55.7065, 50.8900,
48.0136

■ 71.5803, 74.1176,
79.5715

■ 49.5057, 41.8165,
35.6864

■ 81.3562, 88.4221,
99.0068

■ 44.3874, 34.3271,
25.5116

■ 86.1233, 95.3981,
108.4822

■ 40.2897, 28.3309,
17.3658

■ 37.1442, 23.7279,
11.1130

■ 34.8742, 20.4061,
6.6009

■ 33.3912, 18.2358,
3.6535

■ 32.5882, 17.0605,
2.0579

■ 32.3137, 16.6588,
1.5124

Harmonies

Analogous

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



63.2758, 61.6284, 69.3868



63.0453, 61.6284, 62.6055



61.5992, 61.6284, 57.3848

Triad

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



63.0453, 61.6284, 62.6055



55.0764, 61.6284, 58.9442



57.7909, 61.6284, 81.0912

Complementary

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



63.0453, 61.6284, 62.6055



65.7149, 73.8362, 84.9175

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.



55.6532, 61.6284, 77.8604



63.0453, 61.6284, 62.6055



54.1147, 61.6284, 64.8696

Square

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



63.0453, 61.6284, 62.6055



56.9838, 61.6284, 55.3740



54.3230, 61.6284, 71.8106



60.1975, 61.6284, 80.3810

Rectangle

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



63.0453, 61.6284, 62.6055



60.1619, 61.6284, 55.3419



54.3230, 61.6284, 71.8106



57.0181, 61.6284, 80.4221

Sweetspot

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



63.0470, 61.6311, 62.6068



90.2833, 93.0251, 99.4234



66.8800, 63.1628, 82.7959



19.1386, 19.6394, 20.9115



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.



63.0470, 61.6311, 62.6068



77.5018, 74.3225, 74.0132



66.6691, 68.8754, 63.8142



14.3772, 14.3683, 14.9201



18.4753, 9.5248, 0.8647



1.3653, 0.7040, 0.0639

Inverse Universe

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



65.7149, 73.8362, 84.9175



81.5982, 93.0627, 108.2700



61.7434, 65.8932, 83.5937



14.8073, 16.3361, 18.5171



24.1014, 35.2648, 47.9197



1.7811, 2.6061, 3.5411

Previews

White Background



This preview shows how the XYZ color 63.0453, 61.6284, 62.6055 looks on a white background.

Color Contrast Check

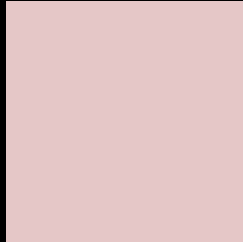
Large Text (above 18pt) WCAG AA × Fail

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 63.0453, 61.6284, 62.6055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

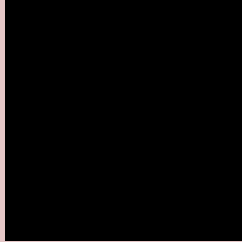
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0453, 61.6284, 62.6055

Background



This preview shows how black text looks on a background with the XYZ color 63.0453, 61.6284, 62.6055.



This preview shows how white text looks on a background with the XYZ color 63.0453, 61.6284,

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

63.0453, 61.6284, 62.6055

Protanopia

59.0703, 61.6285, 64.6593

Deuteranopia

63.0453, 61.6284, 62.6055



Tritanopia

64.8049, 61.6749, 70.7762

Trichromacy



Original Color

63.0453, 61.6284, 62.6055

Protanomaly

60.5138, 61.6806, 63.9745

Deuteranomaly

63.0453, 61.6284, 62.6055

Tritanomaly

64.0897, 61.7162, 67.5660

Monochromacy



Original Color

63.0453, 61.6284, 62.6055

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.1697, 62.6694, 66.6300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0453, 61.6284, 62.6055 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(229, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 199)  
}
```

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(229, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 63.0453, 61.6284, 62.6055 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(229, 199, 199) }
```


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

```
.border{ border-color:rgb(229, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0453, 61.6284, 62.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 199) }
```

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

```
.background{ background-color: rgb(229,  
199, 199) }
```

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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