

Converting Colors

XYZ(64.6002, 62.6197, 69.6548)

Have a look what the booklet for
XYZ(64.6002, 62.6197, 69.6548)
contains.

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Color

**XYZ(64.6002, 62.6197,
69.6548)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C8D2
RGB	229, 200, 210
RGB Percent	90%, 78%, 82%
CMY	0.1020, 0.2157, 0.1765
CMYK	0.00, 0.13, 0.08, 0.10
HSL	339°, 36%, 84%
HSV	339°, 13%, 90%
XYZ	64.6002, 62.6197, 69.6548
YIQ	209.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

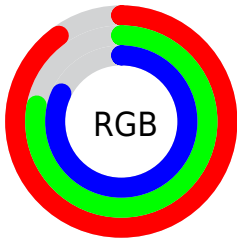
Format	Color
R_{YB}	229, 200, 210
Decimal	15059154
CIE _{Lab}	83.24, 11.84, -1.22
CIE _{LCh}	83, 11.907, 354.104
Yxy	62.6197, 0.3281, 0.3181
Android (android.graphics.Color)	4293249234 (0xFFE5C8D2)
YUV	209.8110, 0.0932, 16.8288
Hunter-Lab	79.1326, 7.2371, 3.2041

Details

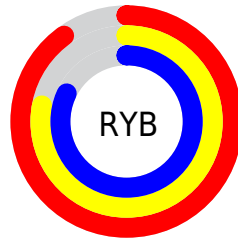
The XYZ color **64.6002, 62.6197, 69.6548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6273, 73.4340, 77.7892**, and the grayscale version is **61.1290, 64.3125, 70.0363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5132, 31.8423, 35.8323** is the 20% darker color. If you saturate the color by 10%, you get **57.9062, 52.0840, 58.6286**, and if you desaturate by 10%, it is **72.2674, 74.8197, 81.8718**.

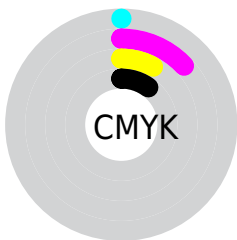
Distribution



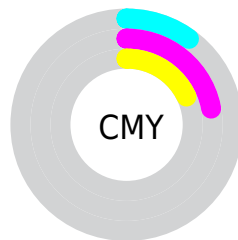
- Red (90%)
- Green (78%)
- Blue (82%)



- Red (90%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6002, 62.6197, 69.6548 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 64.6002, 62.6197, 69.6548 by changing the saturation by 10% instead.

64.6002, 62.6197,
69.6548

64.6002, 62.6197,
69.6548

430.9218,
434.1880, 478.0934

47.4005, 45.5336,
50.7701

110.5438,
108.6207, 120.3928

33.5616, 31.8779,
35.6502

140.0183,
138.3043, 153.0833

22.7183, 21.2683,
23.8766

174.3152,
172.9560, 191.2127

14.5052, 13.3203,
15.0308

213.7998,
212.9601, 235.1996

8.5569, 7.6494,
8.6941

258.8374,
258.7009, 285.4626

4.5081, 3.8715,
4.4481

309.7933,

1.9934, 1.6019,

310.5629, 342.4202

1.8743

367.0330,
368.9305, 406.4909

0.6303, 0.3589,
0.4763

0.0000, 0.0000,
0.0000

64.6002, 62.6197,
69.6548

64.6002, 62.6197,
69.6548

57.9062, 52.0840,
58.6286

72.2674, 74.8197,
81.8718

52.1402, 43.1321,
48.7521

80.9401, 88.7435,
95.3109

47.2609, 35.6889,
39.9879

86.1234, 95.3982,
108.4822

43.2222, 29.6703,
32.2944

■ 39.9731, 24.9835,
25.6275

■ 37.4574, 21.5249,
19.9398

■ 35.6102, 19.1751,
15.1789

■ 34.3545, 17.7905,
11.2866

■ 33.7227, 17.2219,
8.9336

Harmonies

Analogous

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



63.6359, 62.6197, 76.8731



64.6002, 62.6197, 69.6548



64.1712, 62.6197, 62.5326

Triad

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



64.6002, 62.6197, 69.6548



57.5113, 62.6197, 55.9970



56.6514, 62.6197, 80.3754

Complementary

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



64.6002, 62.6197, 69.6548



64.6273, 73.4340, 77.7892

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.



55.0956, 62.6197, 74.1622



64.6002, 62.6197, 69.6548



55.5820, 62.6197, 60.1724

Square

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



64.6002, 62.6197, 69.6548



60.0301, 62.6197, 54.9807



54.7099, 62.6197, 66.7305



59.0091, 62.6197, 83.3439

Rectangle

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



64.6002, 62.6197, 69.6548



63.1589, 62.6197, 58.7477



54.7099, 62.6197, 66.7305



56.0200, 62.6197, 78.5763

Sweetspot

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



64.6020, 62.6225, 69.6561



90.8243, 93.2408, 102.2748



63.9676, 62.0055, 82.7262



19.2750, 19.6938, 21.6304



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.



64.6020, 62.6225, 69.6561



80.2625, 76.4665, 85.3453



64.4167, 64.1831, 63.6404



14.5811, 14.4496, 15.9942



19.3319, 9.8670, 5.3766



1.4710, 0.7461, 0.6210

Inverse Universe

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



64.6020, 62.6225, 69.6561



80.2625, 76.4665, 85.3453



64.7950, 71.5996, 84.5345



14.5811, 14.4496, 15.9942



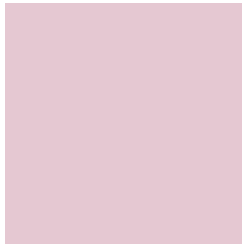
19.3319, 9.8670, 5.3766



1.4710, 0.7461, 0.6210

Previews

White Background



This preview shows how the XYZ color 64.6002, 62.6197, 69.6548 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 64.6002, 62.6197, 69.6548 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 64.6002, 62.6197, 69.6548

Background



This preview shows how black text looks on a background with the XYZ color 64.6002, 62.6197, 69.6548.



This preview shows how white text looks on a background with the XYZ color 64.6002, 62.6197,

69.6548.

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

64.6002, 62.6197, 69.6548

Protanopia

60.5034, 62.5530, 72.5034

Deuteranopia

63.8835, 62.5952, 69.6878



Tritanopia

65.3223, 62.5761, 72.9255

Trichromacy



Original Color

64.6002, 62.6197, 69.6548

Protanomaly

61.9220, 62.5888, 71.7680

Deuteranomaly

64.1981, 62.7573, 69.7025

Tritanomaly

65.0668, 62.4739, 71.5801

Monochromacy



Original Color

64.6002, 62.6197, 69.6548

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.3194, 63.5475, 69.9541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6002, 62.6197, 69.6548 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, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(229, 200, 210)  
}
```

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, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 200, 210) }
```

Border

The CSS property to change the border of an element to XYZ 64.6002, 62.6197, 69.6548 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, 200, 210) }
```


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

```
.border{ border-color:rgb(229, 200, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 200, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(229, 200,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6002, 62.6197, 69.6548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 200, 210) }
```

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

```
.background{ background-color: rgb(229,  
200, 210) }
```

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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