

Converting Colors

XYZ(65.3700, 62.9392, 62.0755)

Have a look what the booklet for
XYZ(65.3700, 62.9392, 62.0755)
contains.

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Color

**XYZ(65.2085, 62.7569,
62.1025)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC7C6
RGB	236, 199, 198
RGB Percent	93%, 78%, 78%
CMY	0.0745, 0.2196, 0.2235
CMYK	0.00, 0.16, 0.16, 0.07
HSL	2°, 50%, 85%
HSV	2°, 16%, 93%
XYZ	65.2085, 62.7569, 62.1025
YIQ	209.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

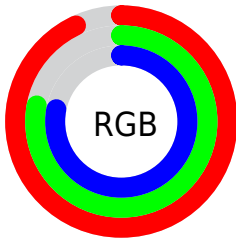
Format	Color
R _Y B	236, 199, 198
Decimal	15517638
CIE Lab	83.31, 12.91, 5.37
CIE LCh	83, 13.980, 22.588
Yxy	62.7569, 0.3431, 0.3302
Android (android.graphics.Color)	4293707718 (0xFFECC7C6)
YUV	209.9490, -5.8909, 22.8467
Hunter-Lab	79.2193, 8.2967, 8.9742

Details

The XYZ color **65.2085, 62.7569, 62.1025** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1368, 77.4767, 90.7207**, and the grayscale version is **61.2537, 64.4436, 70.1791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9818, 31.9677, 30.7649** is the 20% darker color. If you saturate the color by 10%, you get **57.8026, 51.9668, 47.2339**, and if you desaturate by 10%, it is **73.8402, 75.3186, 79.4737**.

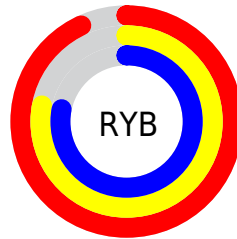
Distribution



Red (93%)

Green (78%)

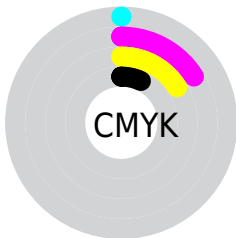
Blue (78%)



Red (93%)

Yellow (78%)

Blue (78%)

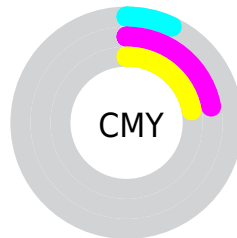


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2085, 62.7569, 62.1025 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 65.2085, 62.7569, 62.1025 by changing the saturation by 10% instead.

65.2085, 62.7569,
62.1025

65.2085, 62.7569,
62.1025

433.0742,
434.6867, 450.3228

47.8955, 45.6446,
44.6792

111.4136,
108.8187, 109.4467

33.9550, 31.9654,
30.8637

141.0364,
138.5370, 140.2047

23.0218, 21.3351,
20.2375

175.4932,
173.2260, 176.2446

14.7304, 13.3692,
12.3820

215.1493,
213.2703, 217.9851

8.7155, 7.6832,
6.8787

260.3701,
259.0540, 265.8446

4.6117, 3.8929,
3.3091

311.5210,

2.0537, 1.6139,

310.9618, 320.2417

1.2545

368.9672,
369.3779, 381.5949

0.6638, 0.3669,
0.0241

0.0000, 0.0000,
0.0000

65.2085, 62.7569,
62.1025

65.2085, 62.7569,
62.1025

57.8026, 51.9668,
47.2339

73.8402, 75.3186,
79.4737

51.5620, 42.8607,
34.7489

83.7443, 89.7175,
99.4510

46.4290, 35.3562,
24.5248

88.4023, 96.5730,
108.5889

42.3389, 29.3607,
16.4264

■ 39.2203, 24.7721,
10.3040

■ 36.9926, 21.4757,
5.9885

■ 35.5626, 19.3389,
3.2827

■ 34.8163, 18.2003,
1.9422

■ 34.6600, 17.9684,
1.6415

Harmonies

Analogous

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



65.6333, 62.7569, 70.5134



65.2085, 62.7569, 62.1025



63.2699, 62.7569, 55.8814

Triad

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



65.2085, 62.7569, 62.1025



55.1262, 62.7569, 58.6595



58.8979, 62.7569, 86.3082

Complementary

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



65.2085, 62.7569, 62.1025



68.1368, 77.4767, 90.7207

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.



56.1681, 62.7569, 82.5060



65.2085, 62.7569, 62.1025



54.0391, 62.7569, 66.1952

Square

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



65.2085, 62.7569, 62.1025



57.4319, 62.7569, 54.0145



54.4140, 62.7569, 74.9639



61.9215, 62.7569, 84.9784

Rectangle

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



65.2085, 62.7569, 62.1025



61.4144, 62.7569, 53.5737



54.4140, 62.7569, 74.9639



57.9169, 62.7569, 85.5776

Sweetspot

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



65.2102, 62.7597, 62.1038



89.2317, 91.5401, 97.1674



69.8352, 64.2412, 87.5949



18.9309, 19.3484, 20.4585



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.



65.2102, 62.7597, 62.1038



74.9621, 70.7721, 68.4529



69.7622, 71.8636, 63.6211



15.0974, 15.1178, 15.6410



19.1197, 9.9337, 0.9097



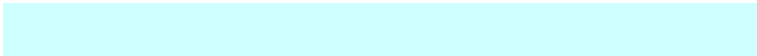
1.5126, 0.8026, 0.0752

Inverse Universe

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



68.1368, 77.4767, 90.7207



79.0094, 91.1264, 108.0327



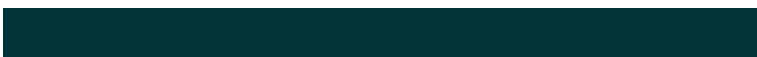
63.0797, 67.3625, 89.0350



15.4816, 17.0496, 19.3972



23.9230, 34.4930, 49.1399



1.8893, 2.7302, 3.8623

Previews

White Background



This preview shows how the XYZ color 65.2085, 62.7569, 62.1025 looks on a white background.

Color Contrast Check

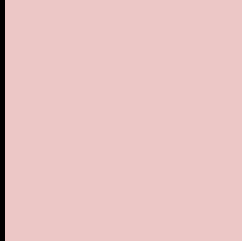
Large Text (above 18pt) WCAG AA × Fail

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 65.2085, 62.7569, 62.1025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

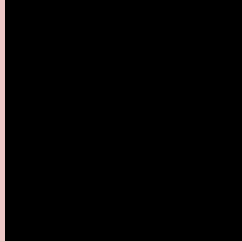
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2085, 62.7569, 62.1025

Background



This preview shows how black text looks on a background with the XYZ color 65.2085, 62.7569, 62.1025.

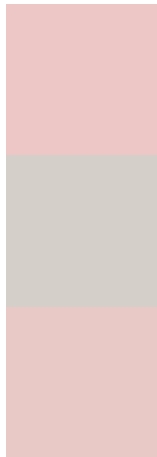


This preview shows how white text looks on a background with the XYZ color 65.2085, 62.7569,

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

65.2085, 62.7569, 62.1025

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

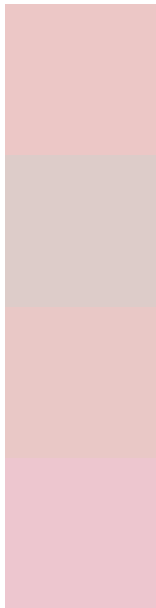
64.3584, 63.0063, 62.1955



Tritanopia

67.1098, 62.8631, 70.8841

Trichromacy



Original Color

65.2085, 62.7569, 62.1025

Protanomaly

61.9543, 62.7749, 64.1098

Deuteranomaly

64.4516, 62.7094, 62.1332

Tritanomaly

66.3816, 62.8977, 67.6733

Monochromacy



Original Color

65.2085, 62.7569, 62.1025

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.4253, 63.6589, 67.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2085, 62.7569, 62.1025 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, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 198)  
}
```

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, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.2085, 62.7569, 62.1025 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, 199, 198) }
```


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

```
.border{ border-color:rgb(236, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(236, 199,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2085, 62.7569, 62.1025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 199, 198) }
```

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

```
.background{ background-color: rgb(236,  
199, 198) }
```

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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