

Converting Colors

XYZ(65.6627, 63.1094, 64.0487)

Have a look what the booklet for
XYZ(65.6627, 63.1094, 64.0487)
contains.

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Color

**XYZ(65.5581, 62.8968,
63.9433)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC7C9
RGB	236, 199, 201
RGB Percent	93%, 78%, 79%
CMY	0.0745, 0.2196, 0.2118
CMYK	0.00, 0.16, 0.15, 0.07
HSL	357°, 49%, 85%
HSV	357°, 16%, 93%
XYZ	65.5581, 62.8968, 63.9433
YIQ	210.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

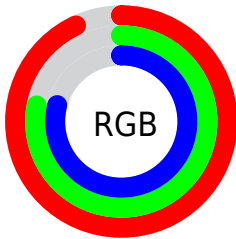
Format	Color
R _Y B	236, 199, 201
Decimal	15517641
CIE Lab	83.39, 13.38, 3.87
CIE LCh	83, 13.926, 16.152
Yxy	62.8968, 0.3407, 0.3269
Android (android.graphics.Color)	4293707721 (0xFFECC7C9)
YUV	210.2910, -4.5805, 22.5468
Hunter-Lab	79.3075, 8.7656, 7.7115

Details

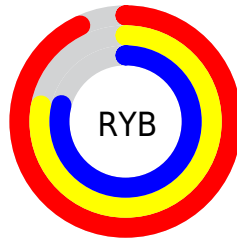
The XYZ color **65.5581, 62.8968, 63.9433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4024, 78.0750, 89.3106**, and the grayscale version is **61.4705, 64.6718, 70.4275**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2142, 32.0607, 31.9888** is the 20% darker color. If you saturate the color by 10%, you get **58.1051, 51.8926, 49.4291**, and if you desaturate by 10%, it is **74.2384, 75.7434, 80.7516**.

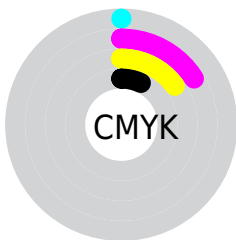
Distribution



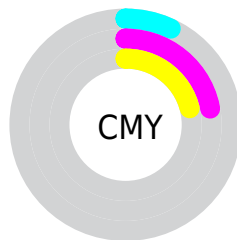
- Red (93%)
- Green (78%)
- Blue (79%)



- Red (93%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5581, 62.8968, 63.9433 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 65.5581, 62.8968, 63.9433 by changing the saturation by 10% instead.

65.5581, 62.8968,
63.9433

65.5581, 62.8968,
63.9433

434.3084,
435.1949, 457.1867

48.1801, 45.7577,
46.1589

111.9131,
109.0206, 112.1280

34.1814, 32.0547,
32.0216

141.6209,
138.7741, 143.3653

23.1965, 21.4033,
21.1131

176.1693,
173.5013, 179.9239

14.8602, 13.4191,
13.0146

215.9237,
213.5864, 222.2225

8.8070, 7.7178,
7.3078

261.2494,
259.4139, 270.6795

4.6716, 3.9149,
3.5740

312.5119,

2.0887, 1.6261,

311.3683, 325.7135

1.3947

370.0765,
369.8338, 387.7431

■ 0.6830, 0.3751,
0.1375

■ 0.0000, 0.0000,
0.0000

■ 65.5581, 62.8968,
63.9433

■ 65.5581, 62.8968,
63.9433

■ 58.1051, 51.8926,
49.4291

■ 74.2384, 75.7434,
80.7516

■ 51.8192, 42.6385,
37.1057

■ 84.1925, 90.5026,
99.9431

■ 46.6428, 35.0468,
26.8680

■ 88.4023, 96.5730,
108.5889

■ 42.5114, 29.0190,
18.6004

■ 39.3537, 24.4461,
12.1764

■ 37.0898, 21.2052,
7.4545

■ 35.6269, 19.1532,
4.2728

■ 34.8516, 18.1140,
2.4381

■ 34.6632, 17.8614,
1.9923

Harmonies

Analogous

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



65.6226, 62.8968, 72.5585



65.5581, 62.8968, 63.9433



63.9119, 62.8968, 57.1345

Triad

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



65.5581, 62.8968, 63.9433



55.6748, 62.8968, 57.5562



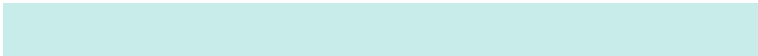
58.3970, 62.8968, 86.0082

Complementary

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



65.5581, 62.8968, 63.9433



68.4024, 78.0750, 89.3106

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.



55.8331, 62.8968, 81.2449



65.5581, 62.8968, 63.9433



54.2977, 62.8968, 64.5648

Square

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



65.5581, 62.8968, 63.9433



58.1743, 62.8968, 53.6656



54.3546, 62.8968, 73.2346



61.4181, 62.8968, 85.8061

Rectangle

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



65.5581, 62.8968, 63.9433



62.1698, 62.8968, 54.3197



54.3546, 62.8968, 73.2346



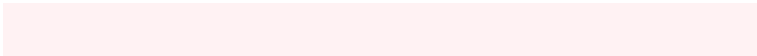
57.4552, 62.8968, 84.9184

Sweetspot

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



65.5598, 62.8996, 63.9446



89.2349, 91.3805, 97.6797



69.3442, 64.3194, 88.1175



18.9316, 19.3099, 20.5824



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.



65.5598, 62.8996, 63.9446



74.9728, 70.2795, 70.0415



69.2116, 70.5765, 64.0111



15.0984, 15.0672, 15.8035



19.1213, 9.8512, 1.1741



1.5131, 0.7782, 0.1534

Inverse Universe

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



65.5598, 62.8996, 63.9446



74.9728, 70.2795, 70.0415



64.2804, 69.3695, 89.3592



15.0984, 15.0672, 15.8035



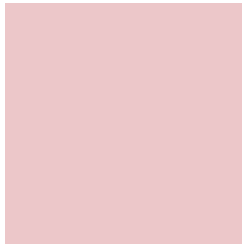
19.1213, 9.8512, 1.1741



1.5131, 0.7782, 0.1534

Previews

White Background



This preview shows how the XYZ color 65.5581, 62.8968, 63.9433 looks on a white background.

Color Contrast Check

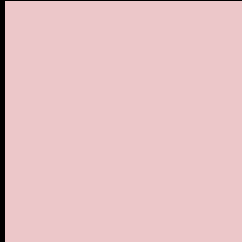
Large Text (above 18pt) WCAG AA × Fail

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 65.5581, 62.8968, 63.9433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

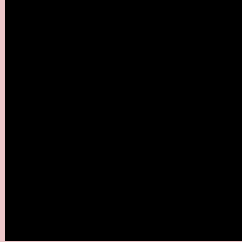
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5581, 62.8968, 63.9433

Background



This preview shows how black text looks on a background with the XYZ color 65.5581, 62.8968, 63.9433.



This preview shows how white text looks on a background with the XYZ color 65.5581, 62.8968,

63.9433.

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

65.5581, 62.8968, 63.9433

Protanopia

60.4836, 63.0305, 66.7359

Deuteranopia

64.3843, 62.9793, 64.0211



Tritanopia

66.9015, 62.7411, 71.5349

Trichromacy



Original Color

65.5581, 62.8968, 63.9433

Protanomaly

62.3107, 62.9175, 65.9869

Deuteranomaly

64.8012, 62.8492, 63.9741

Tritanomaly

66.6278, 62.9961, 68.9694

Monochromacy



Original Color

65.5581, 62.8968, 63.9433

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.5472, 63.7077, 68.0317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5581, 62.8968, 63.9433 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.5581, 62.8968, 63.9433 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, 201) }
```


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

```
.border{ border-color:rgb(236, 199, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(236, 199,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5581, 62.8968, 63.9433 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, 201) }
```

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

```
.background{ background-color: rgb(236,  
199, 201) }
```

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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