

Converting Colors

XYZ(63.9010, 62.6750, 66.4872)

Have a look what the booklet for
XYZ(63.9010, 62.6750, 66.4872)
contains.

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Color

**XYZ(63.9010, 62.6750,
66.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C9CD
RGB	228, 201, 205
RGB Percent	89%, 79%, 80%
CMY	0.1059, 0.2117, 0.1961
CMYK	0.00, 0.12, 0.10, 0.11
HSL	351°, 33%, 84%
HSV	351°, 12%, 89%
XYZ	63.9010, 62.6750, 66.4872
YIQ	209.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

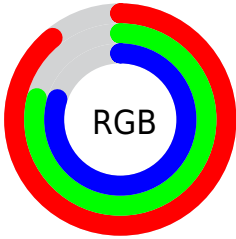
Format	Color
R _Y B	228, 201, 205
Decimal	14993869
CIE Lab	83.27, 10.13, 1.48
CIE LCh	83, 10.234, 8.316
Yxy	62.6750, 0.3310, 0.3246
Android (android.graphics.Color)	4293183949 (0xFFE4C9CD)
YUV	209.5290, -2.2328, 16.1991
Hunter-Lab	79.1675, 5.5351, 5.6238

Details

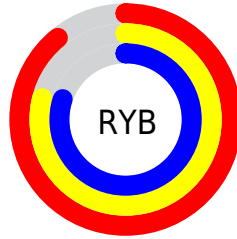
The XYZ color **63.9010, 62.6750, 66.4872** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.2877, 73.2877, 81.2294**, and the grayscale version is **60.9587, 64.1333, 69.8412**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0329, 31.8725, 33.6891** is the 20% darker color. If you saturate the color by 10%, you get **56.7745, 51.9439, 53.2525**, and if you desaturate by 10%, it is **72.1111, 75.1059, 81.5209**.

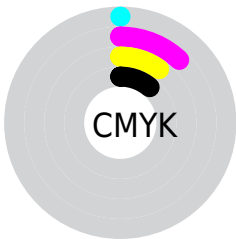
Distribution



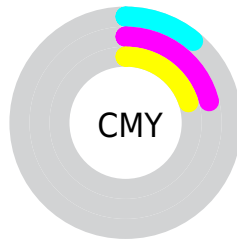
- Red (89%)
- Green (79%)
- Blue (80%)



- Red (89%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9010, 62.6750, 66.4872 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 63.9010, 62.6750, 66.4872 by changing the saturation by 10% instead.

63.9010, 62.6750,
66.4872

63.9010, 62.6750,
66.4872

428.4399,
434.3890, 466.5690

46.8319, 45.5783,
48.2090

109.5429,
108.7005, 115.8190

33.1102, 31.9132,
33.6313

138.8463,
138.3981, 147.7097

22.3705, 21.2952,
22.3354

172.9586,
173.0649, 184.9749

14.2475, 13.3400,
13.9029

212.2451,
213.0851, 228.0333

8.3759, 7.6631,
7.9152

257.0711,
258.8433, 277.3034

4.3902, 3.8801,
3.9537

307.8020,

1.9252, 1.6067,

310.7237, 333.2036

1.6000

364.8032,
369.1108, 396.1527

■ 0.5914, 0.3621,
0.2908

■ 0.0000, 0.0000,
0.0000

■ 63.9010, 62.6750,
66.4872

■ 63.9010, 62.6750,
66.4872

■ 56.7745, 51.9439,
53.2525

■ 72.1111, 75.1059,
81.5209

■ 50.6810, 42.8307,
41.7453

■ 81.4421, 89.2973,
98.4134

■ 45.5738, 35.2593,
31.8951

■ 85.8053, 95.2342,
108.4674

■ 41.4006, 29.1441,
23.6252

■ 38.1040, 24.3914,
16.8526

■ 35.6204, 20.8962,
11.4868

■ 33.8773, 18.5382,
7.4272

■ 32.7886, 17.1735,
4.5594

■ 32.2804, 16.6082,
2.9989

Harmonies

Analogous

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



63.6315, 62.6750, 72.8662



63.9010, 62.6750, 66.4872



62.9877, 62.6750, 60.9307

Triad

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



63.9010, 62.6750, 66.4872



56.9597, 62.6750, 59.0813



58.0053, 62.6750, 80.2613

Complementary

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



63.9010, 62.6750, 66.4872



65.2877, 73.2877, 81.2294

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.



56.2796, 62.6750, 76.1169



63.9010, 62.6750, 66.4872



55.6865, 62.6750, 63.8185

Square

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



63.9010, 62.6750, 66.4872



58.9546, 62.6750, 56.8322



55.4406, 62.6750, 70.0283



60.1911, 62.6750, 81.0859

Rectangle

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



63.9010, 62.6750, 66.4872



61.8441, 62.6750, 58.3465



55.4406, 62.6750, 70.0283



57.3538, 62.6750, 79.1984

Sweetspot

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



63.9028, 62.6778, 66.4885



90.5141, 93.1167, 100.6411



65.6171, 63.2168, 82.1432



19.1967, 19.6625, 21.2181



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.



63.9028, 62.6778, 66.4885



80.1839, 77.4933, 81.6690



65.6973, 67.0291, 64.7369



14.4635, 14.4026, 15.3752



18.6663, 9.6007, 1.8716



1.4066, 0.7204, 0.2817

Inverse Universe

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



63.9028, 62.6778, 66.4885



80.1839, 77.4933, 81.6690



63.3075, 68.4496, 83.2750



14.4635, 14.4026, 15.3752



18.6663, 9.6007, 1.8716



1.4066, 0.7204, 0.2817

Previews

White Background



This preview shows how the XYZ color 63.9010, 62.6750, 66.4872 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 63.9010, 62.6750, 66.4872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

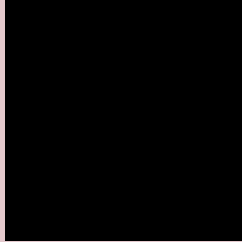
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9010, 62.6750, 66.4872

Background



This preview shows how black text looks on a background with the XYZ color 63.9010, 62.6750, 66.4872.



This preview shows how white text looks on a background with the XYZ color 63.9010, 62.6750,

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

63.9010, 62.6750, 66.4872

Protanopia

60.5620, 63.0286, 68.6483

Deuteranopia

63.9010, 62.6750, 66.4872



Tritanopia

65.0023, 62.4112, 72.9105

Trichromacy



Original Color

63.9010, 62.6750, 66.4872

Protanomaly

61.7091, 62.9194, 67.9237

Deuteranomaly

63.9010, 62.6750, 66.4872

Tritanomaly

64.7252, 62.6697, 70.3131

Monochromacy



Original Color

63.9010, 62.6750, 66.4872

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.3133, 63.9314, 68.7302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9010, 62.6750, 66.4872 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(228, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 205)  
}
```

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(228, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 205) }
```

Border

The CSS property to change the border of an element to XYZ 63.9010, 62.6750, 66.4872 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(228, 201, 205) }
```


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

```
.border{ border-color:rgb(228, 201, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9010, 62.6750, 66.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 205) }
```

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

```
.background{ background-color: rgb(228,  
201, 205) }
```

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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