

Converting Colors

XYZ(64.7216, 62.4104, 66.3928)

Have a look what the booklet for
XYZ(64.7216, 62.4104, 66.3928)
contains.

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Color

**XYZ(64.7216, 62.4104,
66.3928)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C7CD
RGB	232, 199, 205
RGB Percent	91%, 78%, 80%
CMY	0.0902, 0.2196, 0.1961
CMYK	0.00, 0.14, 0.12, 0.09
HSL	349°, 42%, 85%
HSV	349°, 14%, 91%
XYZ	64.7216, 62.4104, 66.3928
YIQ	209.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

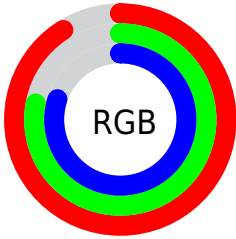
Format	Color
R _Y B	232, 199, 205
Decimal	15255501
CIE Lab	83.13, 12.60, 1.32
CIE LCh	83, 12.665, 5.979
Yxy	62.4104, 0.3344, 0.3225
Android (android.graphics.Color)	4293445581 (0xFFE8C7CD)
YUV	209.5510, -2.2436, 19.6878
Hunter-Lab	79.0003, 7.9871, 5.4721

Details

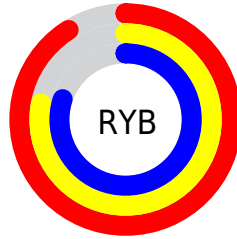
The XYZ color **64.7216, 62.4104, 66.3928** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1397, 75.3480, 83.0129**, and the grayscale version is **60.9718, 64.1471, 69.8562**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6158, 31.7153, 33.6281** is the 20% darker color. If you saturate the color by 10%, you get **57.6310, 51.6763, 53.4010**, and if you desaturate by 10%, it is **72.9076, 74.8888, 81.1231**.

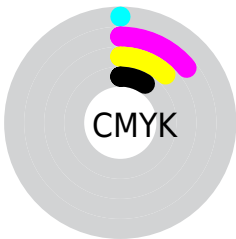
Distribution



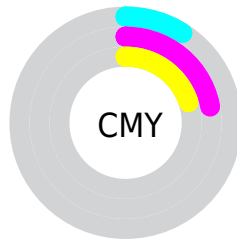
- Red (91%)
- Green (78%)
- Blue (80%)



- Red (91%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7216, 62.4104, 66.3928 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 64.7216, 62.4104, 66.3928 by changing the saturation by 10% instead.

64.7216, 62.4104,
66.3928

64.7216, 62.4104,
66.3928

431.3519,
433.4265, 466.2229

47.4992, 45.3644,
48.1328

110.7174,
108.3185, 115.6823

33.6401, 31.7445,
33.5714

140.2216,
137.9493, 147.5489

22.7788, 21.1665,
22.2898

174.5505,
172.5439, 184.7882

14.5501, 13.2457,
13.8697

214.0693,
212.4866, 227.8186

8.5885, 7.5980,
7.8923

259.1435,
258.1618, 277.0587

4.5287, 3.8388,
3.9394

310.1385,

2.0054, 1.5838,

309.9539, 332.9271

1.5921

367.4195,
368.2474, 395.8423

0.6370, 0.3466,
0.2852

0.0000, 0.0000,
0.0000

64.7216, 62.4104,
66.3928

64.7216, 62.4104,
66.3928

57.6310, 51.6763,
53.4010

72.9076, 74.8888,
81.1231

51.5839, 42.6007,
42.0792

82.2274, 89.1758,
97.6489

46.5319, 35.1031,
32.3603

87.0891, 95.8960,
108.5274

42.4210, 29.0931,
24.1710

■ 39.1915, 24.4708,
17.4325

■ 36.7772, 21.1243,
12.0583

■ 35.1018, 18.9240,
7.9527

■ 34.0738, 17.7125,
5.0065

■ 33.6998, 17.3243,
3.7732

Harmonies

Analogous

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



64.2689, 62.4104, 74.2913



64.7216, 62.4104, 66.3928



63.6910, 62.4104, 59.4599

Triad

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



64.7216, 62.4104, 66.3928



56.2739, 62.4104, 56.4478



57.1978, 62.4104, 82.7080

Complementary

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



64.7216, 62.4104, 66.3928



66.1397, 75.3480, 83.0129

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.



55.1522, 62.4104, 77.2215



64.7216, 62.4104, 66.3928



54.6304, 62.4104, 61.9884

Square

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



64.7216, 62.4104, 66.3928



58.7714, 62.4104, 54.0097



54.2261, 62.4104, 69.5401



59.8704, 62.4104, 84.1136

Rectangle

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



64.7216, 62.4104, 66.3928



62.3197, 62.4104, 56.1865



54.2261, 62.4104, 69.5401



56.4166, 62.4104, 81.2602

Sweetspot

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



64.7234, 62.4132, 66.3941



90.5670, 93.1379, 100.9196



66.3393, 62.8366, 84.9770



19.2101, 19.6678, 21.2884



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.



64.7234, 62.4132, 66.3941



77.5518, 73.3145, 77.4462



66.5005, 67.1038, 63.4835



14.4834, 14.4106, 15.4800



18.7417, 9.6309, 2.2690



1.4160, 0.7241, 0.3313

Inverse Universe

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



64.7234, 62.4132, 66.3941



77.5518, 73.3145, 77.4462



64.1228, 69.9742, 86.4715



14.4834, 14.4106, 15.4800



18.7417, 9.6309, 2.2690



1.4160, 0.7241, 0.3313

Previews

White Background



This preview shows how the XYZ color 64.7216, 62.4104, 66.3928 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 64.7216, 62.4104, 66.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

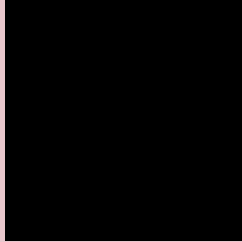
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7216, 62.4104, 66.3928

Background



This preview shows how black text looks on a background with the XYZ color 64.7216, 62.4104, 66.3928.

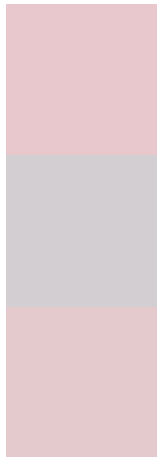


This preview shows how white text looks on a background with the XYZ color 64.7216, 62.4104,

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

64.7216, 62.4104, 66.3928

Protanopia

60.1583, 62.4477, 69.2045

Deuteranopia

63.9010, 62.6750, 66.4872



Tritanopia

65.8086, 62.5159, 71.5491

Trichromacy



Original Color

64.7216, 62.4104, 66.3928

Protanomaly

61.6545, 62.1714, 68.4252

Deuteranomaly

63.9868, 62.3743, 66.4246

Tritanomaly

65.4312, 62.3649, 69.5618

Monochromacy



Original Color

64.7216, 62.4104, 66.3928

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.3699, 63.6021, 68.6637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7216, 62.4104, 66.3928 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(232, 199, 205)` looks like.

```
.text, #text, p{  
    color:rgb(232, 199, 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(232, 199, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 199, 205) }
```

Border

The CSS property to change the border of an element to XYZ 64.7216, 62.4104, 66.3928 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(232, 199, 205) }
```


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

```
.border{ border-color:rgb(232, 199, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 199, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 199, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 199, 205);  
box-shadow:4px 4px 4px 4px rgb(232, 199,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7216, 62.4104, 66.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 199, 205) }
```

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

```
.background{ background-color: rgb(232,  
199, 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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