

Converting Colors

XYZ(64.6862, 62.8054, 63.3603)

Have a look what the booklet for
XYZ(64.6862, 62.8054, 63.3603)
contains.

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Color

**XYZ(64.6839, 62.8023,
63.3564)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C8C8
RGB	233, 200, 200
RGB Percent	91%, 78%, 78%
CMY	0.0863, 0.2157, 0.2157
CMYK	0.00, 0.14, 0.14, 0.09
HSL	0°, 43%, 85%
HSV	0°, 14%, 91%
XYZ	64.6839, 62.8023, 63.3564
YIQ	209.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

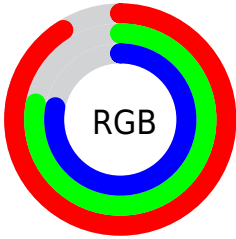
Format	Color
R_{YB}	233, 200, 200
Decimal	15321288
CIE _{Lab}	83.34, 11.62, 4.30
CIE _{LCh}	83, 12.390, 20.319
Yxy	62.8023, 0.3389, 0.3291
Android (android.graphics.Color)	4293511368 (0xFFE9C8C8)
YUV	209.8670, -4.8644, 20.2876
Hunter-Lab	79.2479, 7.0118, 8.0729

Details

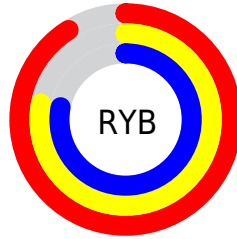
The XYZ color **64.6839, 62.8023, 63.3564** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6659, 76.4389, 88.2793**, and the grayscale version is **61.1946, 64.3815, 70.1115**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5987, 31.9802, 31.5961** is the 20% darker color. If you saturate the color by 10%, you get **57.1752, 51.8154, 48.4269**, and if you desaturate by 10%, it is **73.4332, 75.6050, 80.7482**.

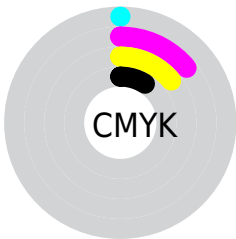
Distribution



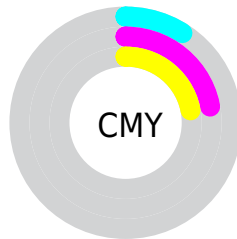
- Red (91%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6839, 62.8023, 63.3564 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 64.6839, 62.8023, 63.3564 by changing the saturation by 10% instead.

64.6839, 62.8023,
63.3564

64.6839, 62.8023,
63.3564

431.2184,
434.8516, 455.0053

47.4686, 45.6813,
45.6867

110.6635,
108.8842, 111.2741

33.6157, 31.9944,
31.6518

140.1585,
138.6140, 142.3591

22.7600, 21.3572,
20.8331

174.4774,
173.3154, 178.7531

14.5361, 13.3854,
12.8120

213.9856,
213.3729, 220.8745

8.5787, 7.6944,
7.1700

259.0485,
259.1709, 269.1419

4.5223, 3.9001,
3.4886

310.0313,

2.0017, 1.6178,

311.0937, 323.9738

1.3492

367.2995,
369.5258, 385.7887

0.6349, 0.3696,
0.1016

0.0000, 0.0000,
0.0000

64.6839, 62.8023,
63.3564

64.6839, 62.8023,
63.3564

57.1752, 51.8154,
48.4269

73.4332, 75.6050,
80.7482

50.8462, 42.5543,
35.8449

83.4702, 90.2917,
100.7024

45.6385, 34.9338,
25.4922

87.4146, 96.0638,
108.5427

41.4866, 28.8584,
17.2387

■ 38.3185, 24.2224,
10.9412

■ 36.0531, 20.9072,
6.4381

■ 34.5962, 18.7752,
3.5427

■ 33.8333, 17.6586,
2.0266

■ 33.6049, 17.3244,
1.5728

Harmonies

Analogous

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



64.9466, 62.8023, 70.9070



64.6839, 62.8023, 63.3564



63.0617, 62.8023, 57.5843

Triad

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



64.6839, 62.8023, 63.3564



55.7921, 62.8023, 59.3366



58.8246, 62.8023, 84.0773

Complementary

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



64.6839, 62.8023, 63.3564



67.6659, 76.4389, 88.2793

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.



56.4439, 62.8023, 80.4494



64.6839, 62.8023, 63.3564



54.7282, 62.8023, 65.9157

Square

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



64.6839, 62.8023, 63.3564



57.9104, 62.8023, 55.3875



54.9632, 62.8023, 73.6645



61.5091, 62.8023, 83.2627

Rectangle

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



64.6839, 62.8023, 63.3564



61.4538, 62.8023, 55.3384



54.9632, 62.8023, 73.6645



57.9636, 62.8023, 83.3271

Sweetspot

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



64.6856, 62.8051, 63.3577



90.2832, 93.0250, 99.4234



68.9673, 64.5162, 85.9095



19.1386, 19.6394, 20.9114



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.



64.6856, 62.8051, 63.3577



76.5370, 72.9107, 72.0954



68.7146, 70.8629, 64.7007



15.0657, 15.0544, 15.6305



19.0680, 9.8303, 0.8924



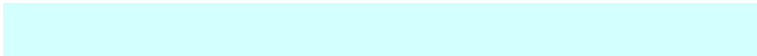
1.4974, 0.7720, 0.0701

Inverse Universe

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



67.6659, 76.4389, 88.2793



80.8589, 92.6816, 108.2354



63.2124, 67.5317, 86.7948



15.5176, 17.1216, 19.4092



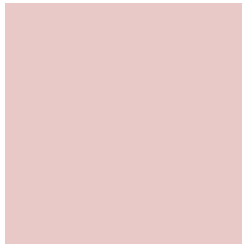
24.8751, 36.3971, 49.4573



1.9533, 2.8582, 3.8836

Previews

White Background



This preview shows how the XYZ color 64.6839, 62.8023, 63.3564 looks on a white background.

Color Contrast Check

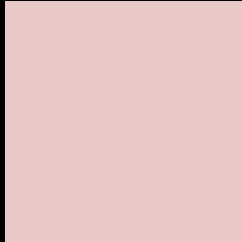
Large Text (above 18pt) WCAG AA × Fail

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 64.6839, 62.8023, 63.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

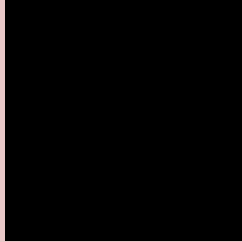
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6839, 62.8023, 63.3564

Background



This preview shows how black text looks on a background with the XYZ color 64.6839, 62.8023, 63.3564.



This preview shows how white text looks on a background with the XYZ color 64.6839, 62.8023,

63.3564.

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

64.6839, 62.8023, 63.3564

Protanopia

60.3633, 62.9823, 66.1021

Deuteranopia

64.2670, 62.9323, 63.4035



Tritanopia

66.4653, 62.8544, 71.5798

Trichromacy



Original Color

64.6839, 62.8023, 63.3564

Protanomaly

61.8876, 62.7132, 65.3429

Deuteranomaly

64.5907, 63.0992, 63.4187

Tritanomaly

65.7403, 62.8933, 68.3493

Monochromacy



Original Color

64.6839, 62.8023, 63.3564

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1253, 63.5043, 67.3757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6839, 62.8023, 63.3564 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(233, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(233, 200, 200)  
}
```

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(233, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 64.6839, 62.8023, 63.3564 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(233, 200, 200) }
```


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

```
.border{ border-color:rgb(233, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(233, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6839, 62.8023, 63.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 200, 200) }
```

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

```
.background{ background-color: rgb(233,  
200, 200) }
```

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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