

Converting Colors

XYZ(66.3288, 63.3211, 62.7591)

Have a look what the booklet for
XYZ(66.3288, 63.3211, 62.7591)
contains.

XYZ(66.3288, 63.3211, 62.7591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.3288, 63.3211,
62.7591)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC7C7
RGB	239, 199, 199
RGB Percent	94%, 78%, 78%
CMY	0.0627, 0.2196, 0.2196
CMYK	0.00, 0.17, 0.17, 0.06
HSL	0°, 56%, 86%
HSV	0°, 17%, 94%
XYZ	66.3288, 63.3211, 62.7591
YIQ	210.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

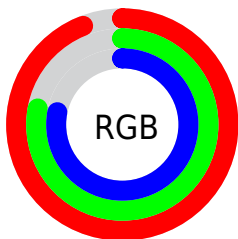
Format	Color
R _Y B	239, 199, 199
Decimal	15714247
CIE Lab	83.61, 14.14, 5.30
CIE LCh	84, 15.100, 20.544
Yxy	63.3211, 0.3447, 0.3291
Android (android.graphics.Color)	4293904327 (0xFFEFC7C7)
YUV	210.9600, -5.8963, 24.5911
Hunter-Lab	79.5746, 9.5319, 8.9412

Details

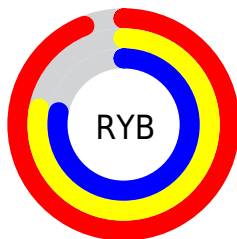
The XYZ color **66.3288, 63.3211, 62.7591** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9990, 80.1051, 93.4343**, and the grayscale version is **61.9186, 65.1432, 70.9409**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7647, 32.3624, 31.2023** is the 20% darker color. If you saturate the color by 10%, you get **58.6957, 52.1521, 47.5824**, and if you desaturate by 10%, it is **75.2646, 76.3969, 80.5216**.

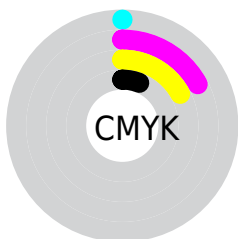
Distribution



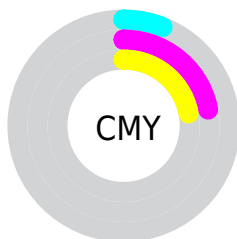
- Red (94%)
- Green (78%)
- Blue (78%)



- Red (94%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3288, 63.3211, 62.7591 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 66.3288, 63.3211, 62.7591 by changing the saturation by 10% instead.

66.3288, 63.3211,
62.7591

66.3288, 63.3211,
62.7591

437.0220,
436.7339, 452.7785

48.8081, 46.1010,
45.2066

113.0132,
109.6326, 110.4041

34.6811, 32.3255,
31.2761

142.9076,
139.4929, 141.3337

23.5827, 21.6103,
20.5489

177.6573,
174.3353, 177.5594

15.1474, 13.5708,
12.6067

217.6276,
214.5443, 219.4998

9.0099, 7.8228,
7.0307

263.1838,
260.5042, 267.5733

4.8048, 3.9818,
3.4026

314.6914,

2.1668, 1.6634,

312.5996, 322.1986

1.3037

372.5157,
371.2147, 383.7942

0.7251, 0.3998,
0.0648

0.0000, 0.0000,
0.0000

66.3288, 63.3211,
62.7591

66.3288, 63.3211,
62.7591

58.6957, 52.1521,
47.5824

75.2646, 76.3969,
80.5216

52.2997, 42.7930,
34.8673

85.5545, 91.4536,
100.9783

47.0772, 35.1509,
24.4853

89.4068, 97.0908,
108.6359

42.9569, 29.1217,
16.2948

■ 39.8600, 24.5898,
10.1386

■ 37.6968, 21.4243,
5.8389

■ 36.3626, 19.4717,
3.1872

■ 35.7245, 18.5378,
1.9193

■ 35.5971, 18.3514,
1.6660

Harmonies

Analogous

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



66.6682, 63.3211, 71.9771



66.3288, 63.3211, 62.7591



64.3109, 63.3211, 55.8363

Triad

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



66.3288, 63.3211, 62.7591



55.4140, 63.3211, 58.0229



59.1476, 63.3211, 88.4850

Complementary

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



66.3288, 63.3211, 62.7591



69.9990, 80.1051, 93.4343

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.



56.2391, 63.3211, 83.9619



66.3288, 63.3211, 62.7591



54.1360, 63.3211, 66.0011

Square

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



66.3288, 63.3211, 62.7591



57.9839, 63.3211, 53.2805



54.4324, 63.3211, 75.5265



62.4407, 63.3211, 87.4154

Rectangle

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



66.3288, 63.3211, 62.7591



62.3247, 63.3211, 53.1811



54.4324, 63.3211, 75.5265



58.0944, 63.3211, 87.5537

Sweetspot

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



66.3305, 63.3240, 62.7604



89.1316, 91.3399, 97.1340



71.6006, 65.4303, 90.5174



18.9067, 19.3000, 20.4504



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.



66.3305, 63.3240, 62.7604



73.7333, 68.8081, 66.5219



71.2376, 73.1380, 64.3961



15.7730, 15.7591, 16.3602



19.6717, 10.1415, 0.9207



1.6365, 0.8438, 0.0766

Inverse Universe

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



69.9990, 80.1051, 93.4343



78.7100, 91.5737, 108.1348



64.4654, 69.0379, 91.5898



16.2473, 17.9287, 20.3259



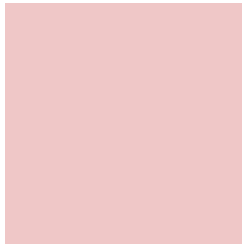
25.6631, 37.5505, 51.0233



2.1350, 3.1239, 4.2447

Previews

White Background



This preview shows how the XYZ color 66.3288, 63.3211, 62.7591 looks on a white background.

Color Contrast Check

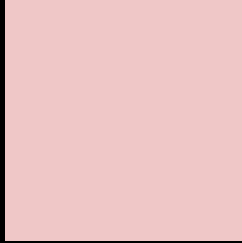
Large Text (above 18pt) WCAG AA × Fail

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 66.3288, 63.3211, 62.7591 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 66.3288, 63.3211, 62.7591

Background



This preview shows how black text looks on a background with the XYZ color 66.3288, 63.3211, 62.7591.

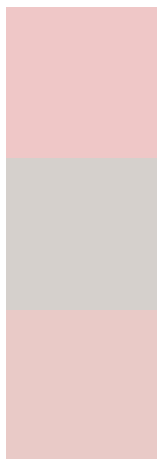


This preview shows how white text looks on a background with the XYZ color 66.3288, 63.3211,

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

66.3288, 63.3211, 62.7591

Protanopia

60.8955, 63.6175, 66.1966

Deuteranopia

65.0336, 63.6882, 62.8982



Tritanopia

68.1255, 63.3867, 70.9316

Trichromacy



Original Color

66.3288, 63.3211, 62.7591

Protanomaly

62.6162, 63.4565, 64.8252

Deuteranomaly

65.4564, 63.5590, 62.8510

Tritanomaly

67.3917, 63.4184, 67.7205

Monochromacy



Original Color

66.3288, 63.3211, 62.7591

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.3941, 64.5028, 68.1405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3288, 63.3211, 62.7591 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(239, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(239, 199, 199)  
}
```

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(239, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 66.3288, 63.3211, 62.7591 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(239, 199, 199) }
```


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

```
.border{ border-color:rgb(239, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(239, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3288, 63.3211, 62.7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 199, 199) }
```

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

```
.background{ background-color: rgb(239,  
199, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor