

Converting Colors

XYZ(68.6924, 64.4376, 62.4433)

Have a look what the booklet for
XYZ(68.6924, 64.4376, 62.4433)
contains.

XYZ(68.6225, 64.5169, 62.2623)	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(68.6225, 64.5169,
62.2623)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C7C6
RGB	246, 199, 198
RGB Percent	96%, 78%, 78%
CMY	0.0353, 0.2196, 0.2235
CMYK	0.00, 0.19, 0.20, 0.04
HSL	1°, 73%, 87%
HSV	1°, 20%, 96%
XYZ	68.6225, 64.5169, 62.2623
YIQ	212.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

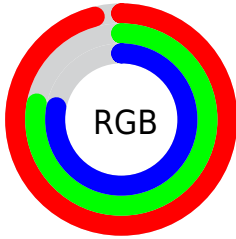
Format	Color
R _Y B	246, 199, 198
Decimal	16172998
CIE Lab	84.23, 16.51, 6.81
CIE LCh	84, 17.859, 22.428
Yxy	64.5169, 0.3512, 0.3302
Android (android.graphics.Color)	4294363078 (0xFFFF6C7C6)
YUV	212.9390, -7.3649, 28.9945
Hunter-Lab	80.3224, 11.9351, 10.2668

Details

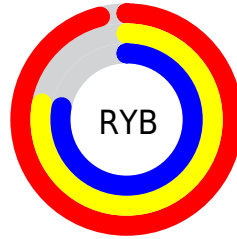
The XYZ color **68.6225, 64.5169, 62.2623** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5749, 83.9623, 99.5705**, and the grayscale version is **63.2410, 66.5344, 72.4560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1457, 33.0832, 30.8662** is the 20% darker color. If you saturate the color by 10%, you get **60.9025, 53.2548, 46.8084**, and if you desaturate by 10%, it is **77.6839, 77.7233, 80.4384**.

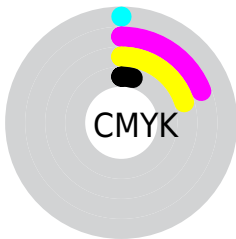
Distribution



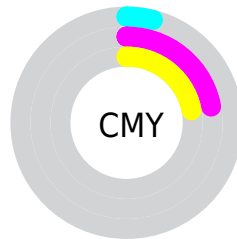
- Red (96%)
- Green (78%)
- Blue (78%)



- Red (96%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6225, 64.5169, 62.2623 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 68.6225, 64.5169, 62.2623 by changing the saturation by 10% instead.


 68.6225, 64.5169,
62.2623

 68.6225, 64.5169,
62.2623


445.0406,
441.0539, 450.9213

 50.6799, 47.0695,
44.8075

116.2793,
111.3550, 109.6798

 36.1739, 33.0906,
30.9640


146.7241,
141.5145, 140.4796

 24.7393, 22.1958,
20.3132


182.0670,
176.6801, 176.5648

 16.0106, 14.0009,
12.4366

222.6734,
217.2362, 218.3540

 9.6225, 8.1213,
6.9156

268.9086,
263.5673, 266.2657

 5.2098, 4.1726,
3.3317


321.1380,


 2.4069, 1.7706,


316.0576, 320.7185


1.2664


379.7269,
375.0917, 382.1308


 0.8485, 0.4687,
0.0340

 0.0000, 0.0000,
0.0000


 68.6225, 64.5169,
62.2623


 68.6225, 64.5169,
62.2623


 60.9025, 53.2548,
46.8084


 77.6839, 77.7233,
80.4384

 54.4554, 43.8369,
33.9419

 88.1406, 92.9503,
101.4546

 49.2143, 36.1676,
23.5228

 91.8163, 98.3329,
108.7487

 45.1042, 30.1393,
15.3959

■ 42.0421, 25.6325,
9.3885

■ 39.9330, 22.5113,
5.3036

■ 38.6652, 20.6160,
2.9071

■ 38.0815, 19.7329,
1.8362

■ 38.0621, 19.7047,
1.7973

Harmonies

Analogous

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



69.1725, 64.5169, 73.1569



68.6225, 64.5169, 62.2623



66.0760, 64.5169, 54.3619

Triad

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



68.6225, 64.5169, 62.2623



55.4896, 64.5169, 57.7877



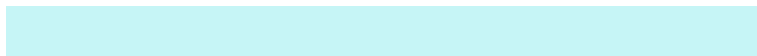
60.3248, 64.5169, 94.1232

Complementary

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



68.6225, 64.5169, 62.2623



72.5749, 83.9623, 99.5705

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.



56.8005, 64.5169, 88.9615



68.6225, 64.5169, 62.2623



54.0880, 64.5169, 67.4171

Square

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



68.6225, 64.5169, 62.2623



58.4657, 64.5169, 51.9788



54.5574, 64.5169, 78.8888



64.2686, 64.5169, 92.3630

Rectangle

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



68.6225, 64.5169, 62.2623



63.6459, 64.5169, 51.4642



54.5574, 64.5169, 78.8888



59.0542, 64.5169, 93.1226

Sweetspot

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



68.6243, 64.5198, 62.2636



88.0897, 89.8655, 94.9076



74.7128, 66.5866, 95.4616



18.6999, 19.0093, 20.0028



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.



68.6243, 64.5198, 62.2636



71.3413, 65.4567, 61.3080



74.5340, 76.3393, 64.2336



16.5269, 16.5380, 17.1187



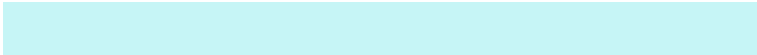
20.3285, 10.5425, 0.9635



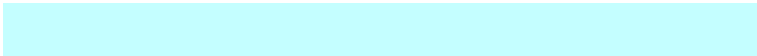
1.7963, 0.9458, 0.0879

Inverse Universe

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



72.5749, 83.9623, 99.5705



76.2758, 89.7421, 107.9095



65.8333, 70.4790, 97.3233



16.9652, 18.6948, 21.2569



25.6589, 37.1116, 52.3489



2.2645, 3.2804, 4.6041

Previews

White Background



This preview shows how the XYZ color 68.6225, 64.5169, 62.2623 looks on a white background.

Color Contrast Check

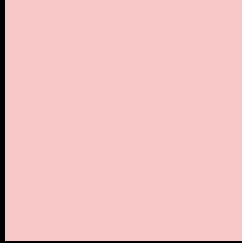
Large Text (above 18pt) WCAG AA × Fail

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 68.6225, 64.5169, 62.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

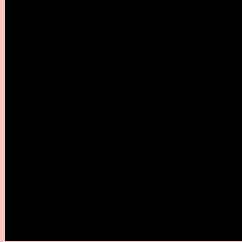
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6225, 64.5169, 62.2623

Background



This preview shows how black text looks on a background with the XYZ color 68.6225, 64.5169, 62.2623.

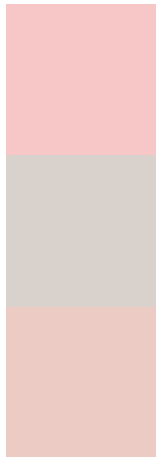


This preview shows how white text looks on a background with the XYZ color 68.6225, 64.5169,

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

68.6225, 64.5169, 62.2623

Protanopia

62.0184, 64.5595, 66.3192

Deuteranopia

66.0261, 64.5760, 61.8078



Tritanopia

70.5613, 64.6424, 71.0456

Trichromacy



Original Color

68.6225, 64.5169, 62.2623

Protanomaly

64.1705, 64.2578, 64.8980

Deuteranomaly

67.1338, 64.7975, 61.7922

Tritanomaly

69.8143, 64.6673, 67.8339

Monochromacy



Original Color

68.6225, 64.5169, 62.2623

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.9924, 65.6734, 68.9253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6225, 64.5169, 62.2623 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(246, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 198)  
}
```

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(246, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 68.6225, 64.5169, 62.2623 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(246, 199, 198) }
```


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

```
.border{ border-color:rgb(246, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6225, 64.5169, 62.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 198) }
```

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

```
.background{ background-color: rgb(246,  
199, 198) }
```

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