

Converting Colors

XYZ(67.3990, 62.0626, 65.6087)

Have a look what the booklet for
XYZ(67.3990, 62.0626, 65.6087)
contains.

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Color

**XYZ(67.4991, 62.1763,
65.5704)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C2CC
RGB	244, 194, 204
RGB Percent	96%, 76%, 80%
CMY	0.0431, 0.2392, 0.2000
CMYK	0.00, 0.20, 0.16, 0.04
HSL	348°, 69%, 86%
HSV	348°, 20%, 96%
XYZ	67.4991, 62.1763, 65.5704
YIQ	210.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

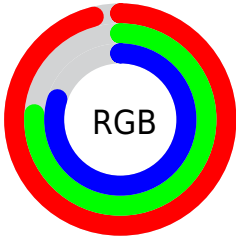
Format	Color
RYB	244, 194, 204
Decimal	16040652
CIELab	83.01, 19.34, 1.81
CIElCh	83, 19.420, 5.343
Yxy	62.1763, 0.3457, 0.3185
Android (android.graphics.Color)	4294230732 (0xFFFF4C2CC)
YUV	210.0900, -3.0024, 29.7391
Hunter-Lab	78.8519, 14.8092, 5.8930

Details

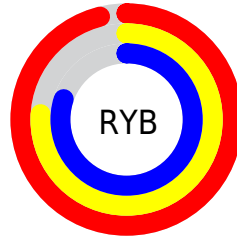
The XYZ color **67.4991, 62.1763, 65.5704** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4526, 82.1128, 90.0347**, and the grayscale version is **61.3260, 64.5197, 70.2619**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.3766, 31.5230, 33.0742** is the 20% darker color. If you saturate the color by 10%, you get **60.3115, 51.3159, 52.3376**, and if you desaturate by 10%, it is **75.8752, 74.9428, 80.6488**.

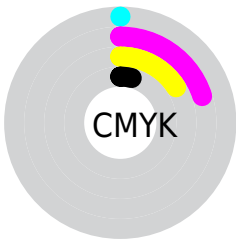
Distribution



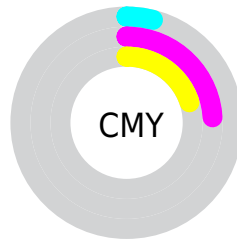
- Red (96%)
- Green (76%)
- Blue (80%)



- Red (96%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4991, 62.1763, 65.5704 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 67.4991, 62.1763, 65.5704 by changing the saturation by 10% instead.


 67.4991, 62.1763,
65.5704

 67.4991, 62.1763,
65.5704


441.1239,
432.5739, 463.2011

 49.7625, 45.1752,
47.4695


 114.6811,
107.9803, 114.4906

 35.4418, 31.5954,
33.0499


144.8573,
137.5519, 146.1470

 24.1715, 21.0527,
21.8933


179.9107,
172.0826, 183.1590

 15.5863, 13.1625,
13.5809

220.2067,
211.9565, 225.9450

 9.3209, 7.5405,
7.6944

266.1107,
257.5583, 274.9237

 5.0098, 3.8024,
3.8151


317.9880,


 2.2879, 1.5636,


309.2721, 330.5136


1.5244


376.2039,
367.4825, 393.1332


 0.7884, 0.3329,
0.2360


 0.0000, 0.0000,
0.0000


 67.4991, 62.1763,
65.5704


 67.4991, 62.1763,
65.5704


 60.3115, 51.3159,
52.3376


 75.8752, 74.9428,
80.6488

 54.2531, 42.2620,
40.8751

 85.4855, 89.6922,
97.6363

 49.2668, 34.9186,
31.1080

 91.1185, 97.9732,
108.7160

 45.2888, 29.1773,
22.9545

■ 42.2482, 24.9175,
16.3258

■ 40.0644, 22.0010,
11.1242

■ 38.6426, 20.2637,
7.2398

■ 37.8583, 19.4532,
4.6413

Harmonies

Analogous

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



66.7365, 62.1763, 77.8036



67.4991, 62.1763, 65.5704



65.9251, 62.1763, 55.1935

Triad

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



67.4991, 62.1763, 65.5704



54.5514, 62.1763, 50.5467



55.7944, 62.1763, 90.9449

Complementary

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



67.4991, 62.1763, 65.5704



69.4526, 82.1128, 90.0347

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.



52.7569, 62.1763, 81.9647



67.4991, 62.1763, 65.5704



52.0634, 62.1763, 58.5103

Square

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



67.4991, 62.1763, 65.5704



58.3486, 62.1763, 47.2013



51.4223, 62.1763, 69.8740



59.8512, 62.1763, 93.4095

Rectangle

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



67.4991, 62.1763, 65.5704



63.8044, 62.1763, 50.4161



51.4223, 62.1763, 69.8740



54.6265, 62.1763, 88.5401

Sweetspot

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



67.5008, 62.1791, 65.5717



88.4531, 89.8602, 97.2860



69.5546, 62.6106, 94.0077



18.7854, 19.0080, 20.5627



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.



67.5008, 62.1791, 65.5717



70.8239, 62.9902, 65.5494



69.8483, 68.7316, 60.6275



16.6346, 16.5367, 17.8222



20.6235, 10.5928, 2.7258



1.8477, 0.9450, 0.4241

Inverse Universe

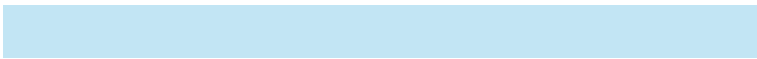
The Inverse Universe completely reimagines the original color for something new.



67.5008, 62.1791, 65.5717



70.8239, 62.9902, 65.5494



66.5988, 74.0417, 96.3699



16.6346, 16.5367, 17.8222



20.6235, 10.5928, 2.7258



1.8477, 0.9450, 0.4241

Previews

White Background



This preview shows how the XYZ color 67.4991, 62.1763, 65.5704 looks on a white background.

Color Contrast Check

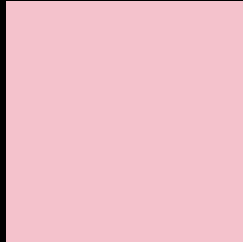
Large Text (above 18pt) WCAG AA × Fail

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 67.4991, 62.1763, 65.5704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

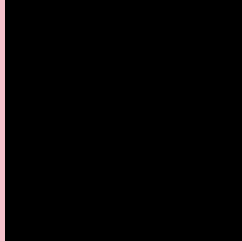
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4991, 62.1763, 65.5704

Background



This preview shows how black text looks on a background with the XYZ color 67.4991, 62.1763, 65.5704.



This preview shows how white text looks on a background with the XYZ color 67.4991, 62.1763,

65.5704.

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

67.4991, 62.1763, 65.5704

Protanopia

60.1237, 62.4011, 70.5038

Deuteranopia

63.4287, 62.1143, 65.1461



Tritanopia

68.1113, 62.1065, 68.0724

Trichromacy



Original Color

67.4991, 62.1763, 65.5704

Protanomaly

62.6299, 62.3247, 68.4034

Deuteranomaly

64.9053, 62.1924, 65.0834

Tritanomaly

67.9886, 62.0574, 67.4264

Monochromacy



Original Color

67.4991, 62.1763, 65.5704

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.1022, 63.2694, 68.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4991, 62.1763, 65.5704 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(244, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(244, 194, 204)  
}
```

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(244, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 194, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.4991, 62.1763, 65.5704 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(244, 194, 204) }
```


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

```
.border{ border-color:rgb(244, 194, 204) }
```

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

Here you see how a box with a 4 pixel rgb(244, 194, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(244, 194,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4991, 62.1763, 65.5704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 194, 204) }
```

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

```
.background{ background-color: rgb(244,  
194, 204) }
```

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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