

Converting Colors

XYZ(67.6533, 62.1657, 66.3251)

Have a look what the booklet for
XYZ(67.6533, 62.1657, 66.3251)
contains.

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Color

**XYZ(67.6195, 62.2244,
66.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C2CD
RGB	244, 194, 205
RGB Percent	96%, 76%, 80%
CMY	0.0431, 0.2392, 0.1961
CMYK	0.00, 0.20, 0.16, 0.04
HSL	347°, 69%, 86%
HSV	347°, 20%, 96%
XYZ	67.6195, 62.2244, 66.2042
YIQ	210.2040, 26.2690, 14.0210

Conversions

Conversions Part 2

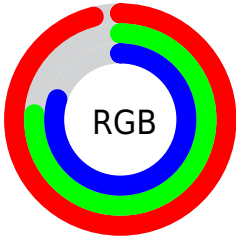
Format	Color
RYB	244, 194, 205
Decimal	16040653
CIELab	83.03, 19.49, 1.31
CIELCh	83, 19.535, 3.845
Yxy	62.2244, 0.3449, 0.3174
Android (android.graphics.Color)	4294230733 (0xFFFF4C2CD)
YUV	210.2040, -2.5656, 29.6391
Hunter-Lab	78.8824, 14.9692, 5.4570

Details

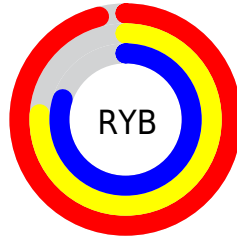
The XYZ color **67.6195, 62.2244, 66.2042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3093, 82.0556, 89.2801**, and the grayscale version is **61.3982, 64.5957, 70.3447**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.4575, 31.5553, 33.5001** is the 20% darker color. If you saturate the color by 10%, you get **60.4690, 51.3789, 53.1664**, and if you desaturate by 10%, it is **75.9446, 74.9705, 81.0140**.

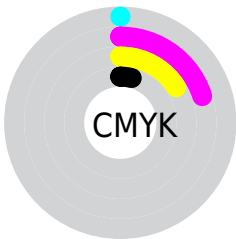
Distribution



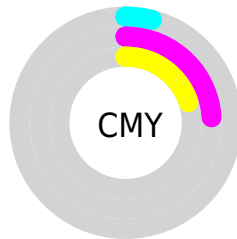
- Red (96%)
- Green (76%)
- Blue (80%)



- 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 67.6195, 62.2244, 66.2042 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 67.6195, 62.2244, 66.2042 by changing the saturation by 10% instead.


 67.6195, 62.2244,
66.2042

 67.6195, 62.2244,
66.2042


441.5446,
432.7492, 465.5310

 49.8608, 45.2140,
47.9807


 114.8525,
108.0498, 115.4092

 35.5201, 31.6261,
33.4517


145.0576,
137.6336, 147.2277

 24.2322, 21.0760,
22.1987


180.1421,
172.1774, 184.4149

 15.6316, 13.1796,
13.8033

220.4715,
212.0655, 227.3894

 9.3531, 7.5523,
7.8468

266.4111,
257.6823, 276.5697

 5.0311, 3.8099,
3.9107


318.3262,


 2.3005, 1.5678,


309.4123, 332.3744


1.5765


376.5823,
367.6398, 395.2220


 0.7949, 0.3357,
0.2740


 0.0000, 0.0000,
0.0000


 67.6195, 62.2244,
66.2042


 67.6195, 62.2244,
66.2042


 60.4690, 51.3789,
53.1664


 75.9446, 74.9705,
81.0140

 54.4344, 42.3345,
41.8296

 85.4892, 89.6935,
97.6553

 49.4597, 34.9957,
32.1237

 91.1186, 97.9733,
108.7160

 45.4821, 29.2546,
23.9720

■ 42.4317, 24.9908,
17.2915

■ 40.2291, 22.0669,
11.9912

■ 38.7811, 20.3191,
7.9689

■ 37.9666, 19.4965,
5.2110

Harmonies

Analogous

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



66.7343, 62.2244, 78.5279



67.6195, 62.2244, 66.2042



66.1459, 62.2244, 55.6079

Triad

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



67.6195, 62.2244, 66.2042



54.7344, 62.2244, 50.2150



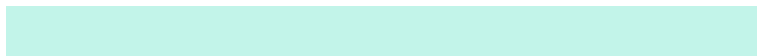
55.6350, 62.2244, 90.8422

Complementary

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



67.6195, 62.2244, 66.2042



69.3093, 82.0556, 89.2801

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.



52.6517, 62.2244, 81.5463



67.6195, 62.2244, 66.2042



52.1493, 62.2244, 58.0096

Square

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



67.6195, 62.2244, 66.2042



58.5996, 62.2244, 47.0975



51.4052, 62.2244, 69.3233



59.6886, 62.2244, 93.7033

Rectangle

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



67.6195, 62.2244, 66.2042



64.0633, 62.2244, 50.6566



51.4052, 62.2244, 69.3233



54.4802, 62.2244, 88.3160

Sweetspot

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



67.6212, 62.2272, 66.2055



88.4993, 89.8787, 97.5294



69.0101, 62.3298, 93.9824



18.7963, 19.0124, 20.6200



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.



67.6212, 62.2272, 66.2055



70.9775, 63.0516, 66.3584



69.4416, 67.9181, 60.4918



16.6483, 16.5422, 17.8946



20.6854, 10.6176, 3.0516



1.8550, 0.9479, 0.4626

Inverse Universe

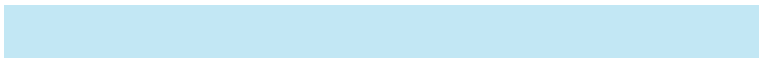
The Inverse Universe completely reimagines the original color for something new.



67.6212, 62.2272, 66.2055



70.9775, 63.0516, 66.3584



67.0622, 74.9685, 96.5246



16.6483, 16.5422, 17.8946



20.6854, 10.6176, 3.0516



1.8550, 0.9479, 0.4626

Previews

White Background



This preview shows how the XYZ color 67.6195, 62.2244, 66.2042 looks on a white background.

Color Contrast Check

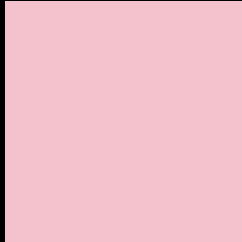
Large Text (above 18pt) WCAG AA × Fail

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 67.6195, 62.2244, 66.2042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

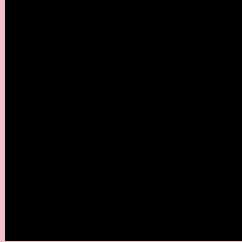
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6195, 62.2244, 66.2042

Background



This preview shows how black text looks on a background with the XYZ color 67.6195, 62.2244, 66.2042.



This preview shows how white text looks on a background with the XYZ color 67.6195, 62.2244,

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

67.6195, 62.2244, 66.2042

Protanopia

60.2495, 62.4514, 71.1662

Deuteranopia

63.5483, 62.1622, 65.7759



Tritanopia

67.7634, 61.9271, 68.0561

Trichromacy



Original Color

67.6195, 62.2244, 66.2042

Protanomaly

62.7534, 62.3741, 69.0535

Deuteranomaly

65.0249, 62.2402, 65.7131

Tritanomaly

67.6407, 61.8780, 67.4101

Monochromacy



Original Color

67.6195, 62.2244, 66.2042

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 67.6195, 62.2244, 66.2042 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(244, 194, 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(244, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 194, 205) }
```

Border

The CSS property to change the border of an element to XYZ 67.6195, 62.2244, 66.2042 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, 205) }
```


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

```
.border{ border-color:rgb(244, 194, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(244, 194,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6195, 62.2244, 66.2042 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, 205) }
```

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

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