

Converting Colors

XYZ(67.7002, 60.8248, 71.8420)

Have a look what the booklet for
XYZ(67.7002, 60.8248, 71.8420)
contains.

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Color

**XYZ(67.8593, 60.9150,
71.7995)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BED6
RGB	244, 190, 214
RGB Percent	96%, 75%, 84%
CMY	0.0431, 0.2549, 0.1608
CMYK	0.00, 0.22, 0.12, 0.04
HSL	333°, 71%, 85%
HSV	333°, 22%, 96%
XYZ	67.8593, 60.9150, 71.7995
YIQ	208.8820, 24.4800, 18.9120

Conversions

Conversions Part 2

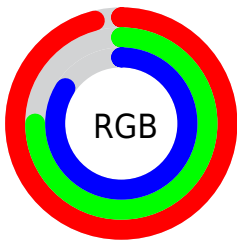
Format	Color
RYB	244, 190, 214
Decimal	16039638
CIELab	82.33, 23.03, -4.54
CIELCh	82, 23.477, 348.848
Yxy	60.9150, 0.3383, 0.3037
Android (android.graphics.Color)	4294229718 (0xFFFF4BED6)
YUV	208.8820, 2.5232, 30.7985
Hunter-Lab	78.0481, 18.6137, 0.0904

Details

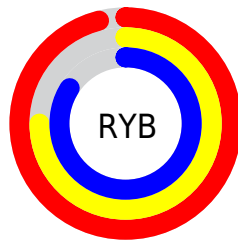
The XYZ color **67.8593, 60.9150, 71.7995** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5066, 80.8175, 79.8081**, and the grayscale version is **60.5018, 63.6526, 69.3176**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **35.5557, 30.6763, 36.8480** is the 20% darker color. If you saturate the color by 10%, you get **61.3506, 50.5535, 61.4406**, and if you desaturate by 10%, it is **75.4003, 73.1090, 83.2149**.

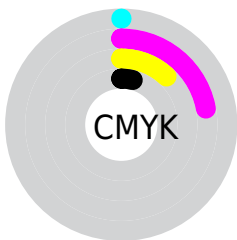
Distribution



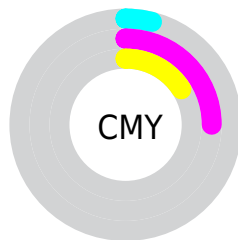
- Red (96%)
- Green (75%)
- Blue (84%)



- Red (96%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8593, 60.9150, 71.7995 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 67.8593, 60.9150, 71.7995 by changing the saturation by 10% instead.


 67.8593, 60.9150,
71.7995

 67.8593, 60.9150,
71.7995


442.3819,
427.9623, 485.8022

 50.0565, 44.1566,
52.5091


 115.1939,
106.1559, 123.4765

 35.6763, 30.7936,
37.0260


145.4564,
135.4071, 156.7001

 24.3533, 20.4417,
24.9317


180.6028,
169.5913, 195.4053

 15.7220, 12.7166,
15.8076

220.9986,
209.0931, 240.0104

 9.4173, 7.2337,
9.2352

267.0090,
254.2966, 290.9342

 5.0736, 3.6087,
4.7960

318.9995,

 2.3257, 1.4572,

305.5864, 348.5950

2.0714

377.3353,
363.3468, 413.4115

■ 0.8078, 0.2583,
0.5987

■ 0.0000, 0.0000,
0.0000

■ 67.8593, 60.9150,
71.7995

■ 67.8593, 60.9150,
71.7995

■ 61.3506, 50.5535,
61.4406

■ 75.4003, 73.1090,
83.2149

■ 55.8214, 41.9267,
52.1013

■ 84.0126, 87.2104,
95.7142

■ 51.2222, 34.9405,
43.7478

■ 91.0657, 97.9521,
108.4376

■ 47.4964, 29.4882,
36.3428

■ 91.1186, 97.9733,
108.7160

■ 44.5813, 25.4503,
29.8457

■ 42.4049, 22.6895,
24.2122

■ 40.8810, 21.0404,
19.3921

■ 40.0386, 20.3253,
16.1217

Harmonies

Analogous

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



65.4483, 60.9150, 86.1605



67.8593, 60.9150, 71.7995



67.4885, 60.9150, 57.8172

Triad

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



67.8593, 60.9150, 71.7995



54.8451, 60.9150, 43.5180



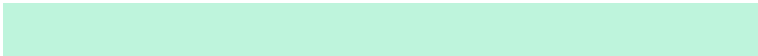
51.7947, 60.9150, 89.3110

Complementary

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



67.8593, 60.9150, 71.7995



66.5066, 80.8175, 79.8081

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.



49.2618, 60.9150, 75.6313



67.8593, 60.9150, 71.7995



50.9517, 60.9150, 49.7962

Square

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



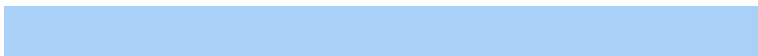
67.8593, 60.9150, 71.7995



59.7788, 60.9150, 42.7994



48.9624, 60.9150, 61.1381



56.0569, 60.9150, 97.1982

Rectangle

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



67.8593, 60.9150, 71.7995



65.7187, 60.9150, 50.5009



48.9624, 60.9150, 61.1381



50.7236, 60.9150, 85.1536

Sweetspot

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



67.8610, 60.9177, 71.8008



88.0617, 88.5129, 98.8956



64.1694, 58.5304, 93.5043



18.7259, 18.7441, 20.9891



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.



67.8610, 60.9177, 71.8008



71.3220, 61.4376, 73.5728



65.6084, 60.9610, 57.0271



16.8051, 16.6049, 18.7204



21.8369, 11.0782, 9.1154



1.9701, 0.9940, 1.0691

Inverse Universe

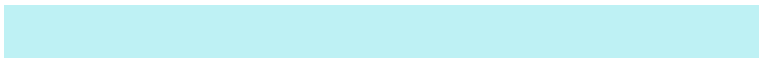
The Inverse Universe completely reimagines the original color for something new.



67.8610, 60.9177, 71.8008



71.3220, 61.4376, 73.5728



69.1105, 80.5688, 97.4977



16.8051, 16.6049, 18.7204



21.8369, 11.0782, 9.1154



1.9701, 0.9940, 1.0691

Previews

White Background



This preview shows how the XYZ color 67.8593, 60.9150, 71.7995 looks on a white background.

Color Contrast Check

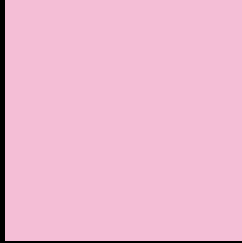
Large Text (above 18pt) WCAG AA × Fail

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 67.8593, 60.9150, 71.7995 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 67.8593, 60.9150, 71.7995

Background



This preview shows how black text looks on a background with the XYZ color 67.8593, 60.9150, 71.7995.



This preview shows how white text looks on a background with the XYZ color 67.8593, 60.9150,

71.7995.

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

67.8593, 60.9150, 71.7995

Protanopia

59.6795, 61.2970, 77.7933

Deuteranopia

62.4313, 61.1299, 70.7961



Tritanopia

66.7335, 60.7725, 66.6056

Trichromacy



Original Color

67.8593, 60.9150, 71.7995

Protanomaly

62.4230, 61.0214, 75.5061

Deuteranomaly

64.3833, 61.1069, 71.3522

Tritanomaly

67.1016, 60.9197, 68.5436

Monochromacy



Original Color

67.8593, 60.9150, 71.7995

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.0026, 62.4738, 70.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8593, 60.9150, 71.7995 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, 190, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 190, 214)  
}
```

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, 190, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 190, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.8593, 60.9150, 71.7995 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, 190, 214) }
```


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

```
.border{ border-color:rgb(244, 190, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 190, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 190, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 190, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 190,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8593, 60.9150, 71.7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 190, 214) }
```

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

```
.background{ background-color: rgb(244,  
190, 214) }
```

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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