

Converting Colors

XYZ(68.1725, 61.0352, 63.8510)

Have a look what the booklet for
XYZ(68.1725, 61.0352, 63.8510)
contains.

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Color

**XYZ(68.2826, 60.9835,
64.0492)**

Conversions

Conversions Part 1

Format	Color
Hex	FABDCA
RGB	250, 189, 202
RGB Percent	98%, 74%, 79%
CMY	0.0196, 0.2588, 0.2078
CMYK	0.00, 0.24, 0.19, 0.02
HSL	347°, 86%, 86%
HSV	347°, 24%, 98%
XYZ	68.2826, 60.9835, 64.0492
YIQ	208.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

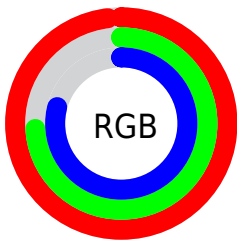
Format	Color
R _Y B	250, 189, 202
Decimal	16432586
CIE Lab	82.37, 23.80, 2.03
CIE LCh	82, 23.888, 4.866
Yxy	60.9835, 0.3532, 0.3155
Android (android.graphics.Color)	4294622666 (0xFF FABDCA)
YUV	208.7210, -3.3135, 36.2017
Hunter-Lab	78.0919, 19.4173, 6.0361

Details

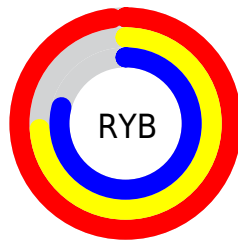
The XYZ color **68.2826, 60.9835, 64.0492** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4605, 85.3059, 92.8770**, and the grayscale version is **60.4302, 63.5773, 69.2357**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.0016, 30.8035, 32.0652** is the 20% darker color. If you saturate the color by 10%, you get **61.1785, 50.2682, 50.9119**, and if you desaturate by 10%, it is **76.6140, 73.6769, 79.0621**.

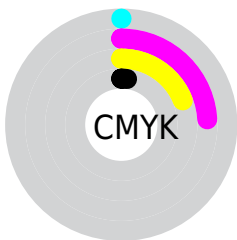
Distribution



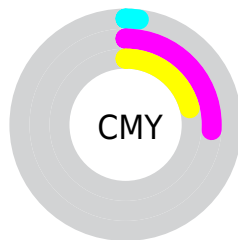
- Red (98%)
- Green (74%)
- Blue (79%)



- Red (98%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2826, 60.9835, 64.0492 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 68.2826, 60.9835, 64.0492 by changing the saturation by 10% instead.


 68.2826, 60.9835,
64.0492

 68.2826, 60.9835,
64.0492


443.8577,
428.2135, 457.5796

 50.4022, 44.2119,
46.2441

 115.7960,
106.2550, 112.2819

 35.9522, 30.8371,
32.0884


146.1597,
135.5237, 143.5466

 24.5672, 20.4748,
21.1637

181.4153,
169.7269, 180.1350

 15.8819, 12.7407,
13.0513

221.9280,
209.2489, 222.4654

 9.5309, 7.2502,
7.3327

268.0632,
254.4742, 270.9566

 5.1490, 3.6191,
3.5895

320.1864,

 2.3706, 1.4628,

305.7871, 326.0270

1.4029

378.6627,
363.5721, 388.0951

0.8304, 0.2624,
0.1440

0.0000, 0.0000,
0.0000

68.2826, 60.9835,
64.0492

68.2826, 60.9835,
64.0492

61.1785, 50.2682,
50.9119

76.6140, 73.6769,
79.0621

55.2379, 41.4231,
39.5720

86.2222, 88.4326,
96.0172

50.3990, 34.3427,
29.9512

93.2345, 99.0641,
108.8150

46.5918, 28.9076,
21.9637

■ 43.7383, 24.9836,
15.5161

■ 41.7489, 22.4150,
10.5052

■ 40.5152, 21.0118,
6.8134

■ 40.0732, 20.5836,
5.2609

Harmonies

Analogous

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



67.2921, 60.9835, 79.0448



68.2826, 60.9835, 64.0492



66.3784, 60.9835, 51.6185

Triad

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



68.2826, 60.9835, 64.0492



52.5411, 60.9835, 45.9379



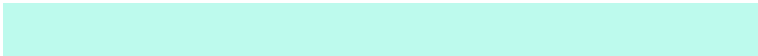
53.9007, 60.9835, 95.1776

Complementary

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



68.2826, 60.9835, 64.0492



70.4605, 85.3059, 92.8770

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.



50.2907, 60.9835, 83.7656



68.2826, 60.9835, 64.0492



49.5386, 60.9835, 55.1824

Square

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



68.2826, 60.9835, 64.0492



57.1360, 60.9835, 42.1845



48.7393, 60.9835, 68.8090



58.7979, 60.9835, 98.4634

Rectangle

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



68.2826, 60.9835, 64.0492



63.7857, 60.9835, 45.9970



48.7393, 60.9835, 68.8090



52.5059, 60.9835, 92.0902

Sweetspot

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



68.2843, 60.9863, 64.0505



87.4378, 88.2633, 95.6103



70.3077, 61.2676, 98.5632



18.5816, 18.6864, 20.2296



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

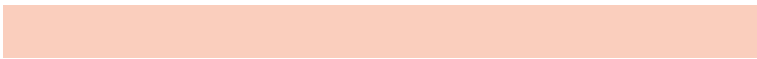
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2843, 60.9863, 64.0505



67.8298, 58.3504, 60.3941



70.7512, 68.2799, 57.5980



17.3959, 17.2857, 18.6746



21.2984, 10.9351, 3.0138



2.0097, 1.0276, 0.4745

Inverse Universe

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



68.2843, 60.9863, 64.0505



67.8298, 58.3504, 60.3941



67.3026, 75.8405, 101.5344



17.3959, 17.2857, 18.6746



21.2984, 10.9351, 3.0138



2.0097, 1.0276, 0.4745

Previews

White Background



This preview shows how the XYZ color 68.2826, 60.9835, 64.0492 looks on a white background.

Color Contrast Check

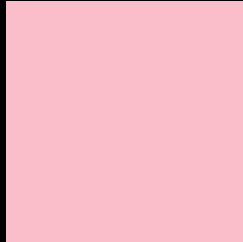
Large Text (above 18pt) WCAG AA × Fail

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 68.2826, 60.9835, 64.0492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

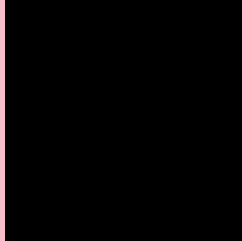
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2826, 60.9835, 64.0492

Background



This preview shows how black text looks on a background with the XYZ color 68.2826, 60.9835, 64.0492.



This preview shows how white text looks on a background with the XYZ color 68.2826, 60.9835,

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

68.2826, 60.9835, 64.0492

Protanopia

59.0829, 61.1543, 70.3180

Deuteranopia

62.5273, 61.3479, 63.1894



Tritanopia

68.4014, 61.0310, 64.6749

Trichromacy



Original Color

68.2826, 60.9835, 64.0492

Protanomaly

62.2400, 61.0889, 68.1854

Deuteranomaly

64.3187, 60.9094, 63.6251

Tritanomaly

68.4014, 61.0310, 64.6749

Monochromacy



Original Color

68.2826, 60.9835, 64.0492

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.0016, 62.5446, 67.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2826, 60.9835, 64.0492 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(250, 189, 202) looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 202)  
}
```

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(250, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 202) }
```

Border

The CSS property to change the border of an element to XYZ 68.2826, 60.9835, 64.0492 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(250, 189, 202) }
```


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

```
.border{ border-color:rgb(250, 189, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2826, 60.9835, 64.0492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 202) }
```

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

```
.background{ background-color: rgb(250,  
189, 202) }
```

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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