

Converting Colors

XYZ(68.2985, 60.9285, 62.6189)

Have a look what the booklet for
XYZ(68.2985, 60.9285, 62.6189)
contains.

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Color

**XYZ(68.4066, 61.0746,
62.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBDC8
RGB	251, 189, 200
RGB Percent	98%, 74%, 78%
CMY	0.0157, 0.2588, 0.2157
CMYK	0.00, 0.25, 0.20, 0.02
HSL	349°, 89%, 86%
HSV	349°, 25%, 98%
XYZ	68.4066, 61.0746, 62.8267
YIQ	208.7920, 33.4210, 16.5650

Conversions

Conversions Part 2

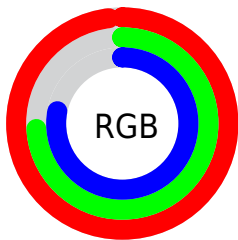
Format	Color
R _Y B	251, 189, 200
Decimal	16498120
CIE Lab	82.42, 23.86, 3.18
CIE LCh	82, 24.073, 7.599
Yxy	61.0746, 0.3557, 0.3176
Android (android.graphics.Color)	4294688200 (0xFFFBDC8)
YUV	208.7920, -4.3345, 37.0164
Hunter-Lab	78.1502, 19.4820, 7.0406

Details

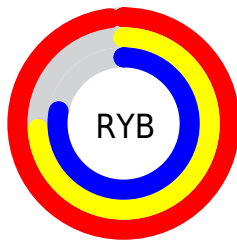
The XYZ color **68.4066, 61.0746, 62.8267** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2142, 86.1060, 95.3092**, and the grayscale version is **60.4824, 63.6321, 69.2954**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.1004, 30.8726, 31.2504** is the 20% darker color. If you saturate the color by 10%, you get **61.2150, 50.2957, 49.3168**, and if you desaturate by 10%, it is **76.8619, 73.8581, 78.3671**.

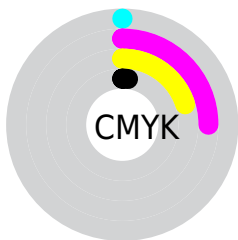
Distribution



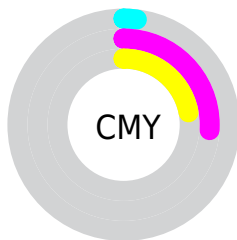
- Red (98%)
- Green (74%)
- Blue (78%)



- Red (98%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4066, 61.0746, 62.8267 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 68.4066, 61.0746, 62.8267 by changing the saturation by 10% instead.


 68.4066, 61.0746,
62.8267

 68.4066, 61.0746,
62.8267


444.2894,
428.5475, 453.0309

 50.5035, 44.2854,
45.2609


 115.9723,
106.3869, 110.5026

 36.0330, 30.8949,
31.3186


146.3657,
135.6789, 141.4498

 24.6299, 20.5188,
20.5810


181.6531,
169.9071, 177.6946

 15.9288, 12.7728,
12.6299

222.2000,
209.4561, 219.6555

 9.5643, 7.2723,
7.0464

268.3718,
254.7103, 267.7510

 5.1711, 3.6329,
3.4123


320.5337,

 2.3838, 1.4704,


306.0539, 322.3998


1.3088


379.0511,
363.8715, 384.0202


 0.8370, 0.2678,
0.0690


 0.0000, 0.0000,
0.0000


 68.4066, 61.0746,
62.8267


 68.4066, 61.0746,
62.8267


 61.2150, 50.2957,
49.3168


 76.8619, 73.8581,
78.3671

 55.2208, 41.4114,
37.7493

 86.6326, 88.7320,
96.0137

 50.3596, 34.3144,
28.0351

 93.5939, 99.2493,
108.8319

 46.5585, 28.8827,
20.0765

■ 43.7360, 24.9792,
13.7668

■ 41.7984, 22.4450,
8.9870

■ 40.6325, 21.0854,
5.6011

■ 40.2483, 20.6951,
4.3073

Harmonies

Analogous

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



67.6741, 61.0746, 77.8791



68.4066, 61.0746, 62.8267



66.2367, 61.0746, 50.6829

Triad

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



68.4066, 61.0746, 62.8267



52.2263, 61.0746, 46.5018



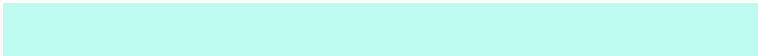
54.3644, 61.0746, 96.2491

Complementary

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



68.4066, 61.0746, 62.8267



71.2142, 86.1060, 95.3092

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.



50.5665, 61.0746, 85.3063



68.4066, 61.0746, 62.8267



49.3838, 61.0746, 56.2869

Square

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



68.4066, 61.0746, 62.8267



56.7524, 61.0746, 42.2058



48.7945, 61.0746, 70.3135



59.3663, 61.0746, 98.6840

Rectangle

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



68.4066, 61.0746, 62.8267



63.5076, 61.0746, 45.3513



48.7945, 61.0746, 70.3135



52.9136, 61.0746, 93.3732

Sweetspot

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



68.4083, 61.0774, 62.8280



87.3428, 88.2253, 95.1100



71.4230, 61.8244, 99.4362



18.5597, 18.6776, 20.1141



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

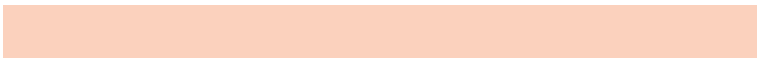
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4083, 61.0774, 62.8280



66.7820, 57.1089, 57.4118



71.6816, 69.6071, 57.8052



17.3703, 17.2755, 18.5396



21.1930, 10.8929, 2.4589



1.9964, 1.0223, 0.4043

Inverse Universe

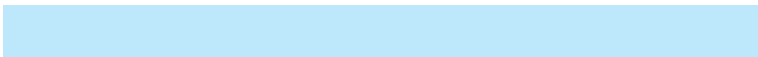
The Inverse Universe completely reimagines the original color for something new.



68.4083, 61.0774, 62.8280



66.7820, 57.1089, 57.4118



67.0798, 75.1433, 102.2359



17.3703, 17.2755, 18.5396



21.1930, 10.8929, 2.4589



1.9964, 1.0223, 0.4043

Previews

White Background



This preview shows how the XYZ color 68.4066, 61.0746, 62.8267 looks on a white background.

Color Contrast Check

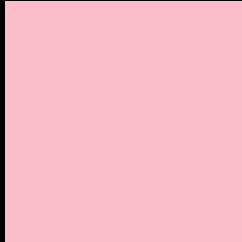
Large Text (above 18pt) WCAG AA × Fail

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 68.4066, 61.0746, 62.8267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

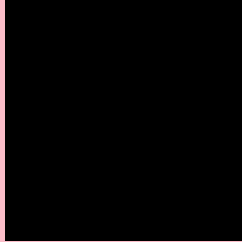
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4066, 61.0746, 62.8267

Background



This preview shows how black text looks on a background with the XYZ color 68.4066, 61.0746, 62.8267.



This preview shows how white text looks on a background with the XYZ color 68.4066, 61.0746,

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

68.4066, 61.0746, 62.8267

Protanopia

59.1139, 61.1991, 69.0186

Deuteranopia

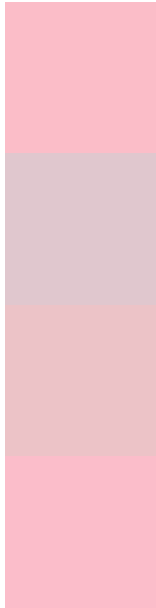
62.6114, 61.4180, 61.9810



Tritanopia

68.7607, 61.2162, 64.6917

Trichromacy



Original Color

68.4066, 61.0746, 62.8267

Protanomaly

62.3045, 61.1504, 66.9119

Deuteranomaly

64.4160, 60.9866, 62.4093

Tritanomaly

68.6419, 61.1687, 64.0660

Monochromacy



Original Color

68.4066, 61.0746, 62.8267

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 68.4066, 61.0746, 62.8267 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(251, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 189, 200)  
}
```

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(251, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 189, 200) }
```

Border

The CSS property to change the border of an element to XYZ 68.4066, 61.0746, 62.8267 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(251, 189, 200) }
```


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

```
.border{ border-color:rgb(251, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 189,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4066, 61.0746, 62.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 189, 200) }
```

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

```
.background{ background-color: rgb(251,  
189, 200) }
```

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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