

Converting Colors

XYZ(68.0124, 61.8670, 50.7407)

Have a look what the booklet for
XYZ(68.0124, 61.8670, 50.7407)
contains.

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Color

**XYZ(68.0075, 61.7763,
50.9875)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFBFB3 |
| RGB | 255, 191, 179 |
| RGB Percent | 100%, 75%, 70% |
| CMY | 0.0000, 0.2510, 0.2980 |
| CMYK | 0.00, 0.25, 0.30, 0.00 |
| HSL | 9°, 100%, 85% |
| HSV | 9°, 30%, 100% |
| XYZ | 68.0075, 61.7763, 50.9875 |
| YIQ | 208.7680, 41.9960, 9.8360 |

Conversions

Conversions Part 2

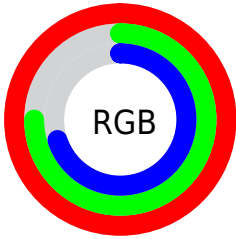
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 193, 179 |
| Decimal | 16760755 |
| CIE Lab | 82.79, 21.37, 15.03 |
| CIE LCh | 83, 26.124, 35.111 |
| Yxy | 61.7763, 0.3762, 0.3417 |
| Android (android.graphics.Color) | 4294950835 (0xFFFFBFB3) |
| YUV | 208.7680, -14.6756, 40.5455 |
| Hunter-Lab | 78.5979, 16.9023, 16.5563 |

Details

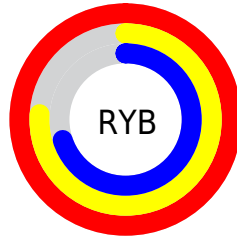
The XYZ color **68.0075, 61.7763, 50.9875** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6899, 80.9021, 106.6031**, and the grayscale version is **60.5279, 63.6801, 69.3476**.

A 20% lighter version of the original color is **89.8028, 94.3930, 92.0838**, and **35.7375, 31.2680, 23.8904** is the 20% darker color. If you saturate the color by 10%, you get **61.3189, 52.1517, 37.1891**, and if you desaturate by 10%, it is **75.8626, 72.9703, 67.5289**.

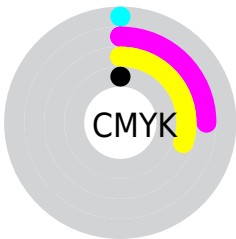
Distribution



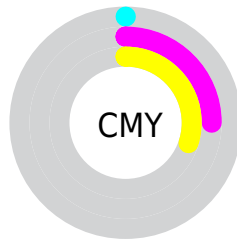
- Red (100%)
- Green (75%)
- Blue (70%)



- Red (100%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0075, 61.7763, 50.9875 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 68.0075, 61.7763, 50.9875 by changing the saturation by 10% instead.


 68.0075, 61.7763,
50.9875

 68.0075, 61.7763,
50.9875


442.8989,
431.1146, 407.3604

 50.1775, 44.8520,
35.8220


 115.4047,
107.4022, 93.0476

 35.7729, 31.3408,
24.0082


145.7027,
136.8725, 120.7793

 24.4281, 20.8585,
15.1274


180.8874,
171.2936, 153.5368

 15.7780, 13.0206,
8.7612


221.3241,
211.0498, 191.7387

 9.4570, 7.4428,
4.4911

267.3783,
256.5257, 235.8034

 5.0999, 3.7405,
1.8984

319.4152,

 2.3414, 1.5295,

308.1055, 286.1496

0.4917

377.8003,
366.1737, 343.1957

■ 0.8157, 0.3093,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0075, 61.7763,
50.9875

■ 68.0075, 61.7763,
50.9875

■ 61.3189, 52.1517,
37.1891

■ 75.8626, 72.9703,
67.5289

■ 55.7361, 44.0180,
25.9813

■ 84.9318, 85.7906,
86.9469

■ 51.1998, 37.3025,
17.2028

95.0500, 100.0000,
108.9000

■ 47.6433, 31.9232,
10.6722

■ 44.9916, 27.7894,
6.1828

■ 43.1586, 24.7989,
3.4893

■ 42.0254, 22.8265,
2.2054

■ 42.0083, 22.7966,
2.1861

Harmonies

Analogous

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



70.1509, 61.7763, 64.5442



68.0075, 61.7763, 50.9875



63.3829, 61.7763, 42.9145

Triad

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



68.0075, 61.7763, 50.9875



49.4493, 61.7763, 55.0616



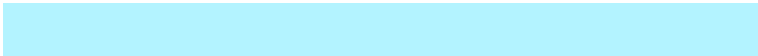
59.6845, 61.7763, 103.0378

Complementary

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



68.0075, 61.7763, 50.9875



68.6899, 80.9021, 106.6031

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.



54.2850, 61.7763, 99.4249



68.0075, 61.7763, 50.9875



48.5975, 61.7763, 70.0589

Square

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



68.0075, 61.7763, 50.9875



52.7179, 61.7763, 44.9904



50.3128, 61.7763, 86.6807



65.1538, 61.7763, 95.8899

Rectangle

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



68.0075, 61.7763, 50.9875



59.6423, 61.7763, 40.9001



50.3128, 61.7763, 86.6807



57.8004, 61.7763, 103.0517

Sweetspot

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



68.0090, 61.7792, 50.9887



85.7146, 86.8931, 88.6356



73.6289, 60.0082, 92.9721



18.0443, 18.1730, 18.3201



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.



68.0090, 61.7792, 50.9887



63.7298, 55.6334, 42.1238



77.2306, 80.2222, 54.0626



18.2410, 18.4502, 18.7442



22.0184, 12.0480, 1.1650



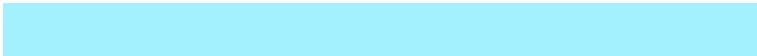
2.2074, 1.3002, 0.1346

Inverse Universe

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



68.6899, 80.9021, 106.6031



64.5024, 77.6421, 106.1945



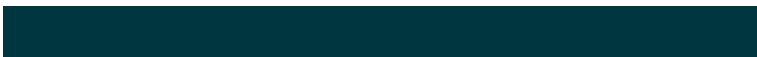
58.6161, 60.7546, 103.2452



18.2961, 19.9639, 23.1391



22.1833, 29.2762, 53.9163



2.2226, 2.9760, 5.2705

Previews

White Background



This preview shows how the XYZ color 68.0075, 61.7763, 50.9875 looks on a white background.

Color Contrast Check

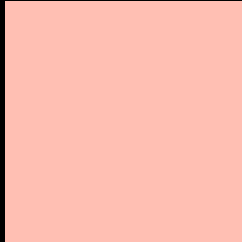
Large Text (above 18pt) WCAG AA × Fail

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 68.0075, 61.7763, 50.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

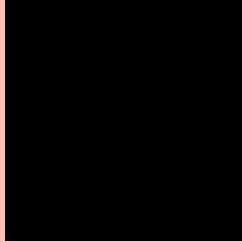
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0075, 61.7763, 50.9875

Background



This preview shows how black text looks on a background with the XYZ color 68.0075, 61.7763, 50.9875.



This preview shows how white text looks on a background with the XYZ color 68.0075, 61.7763,

50.9875.

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

68.0075, 61.7763, 50.9875

Protanopia

59.0653, 62.1775, 55.9021

Deuteranopia

63.3844, 62.0657, 50.7586



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

68.0075, 61.7763, 50.9875

Protanomaly

62.1715, 62.0570, 54.0488

Deuteranomaly

65.0840, 61.9273, 50.6423

Tritanomaly

69.3911, 61.9820, 59.3453

Monochromacy



Original Color

68.0075, 61.7763, 50.9875

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.6776, 62.4870, 62.1838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0075, 61.7763, 50.9875 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(255, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 179)  
}
```

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(255, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 179) }
```

Border

The CSS property to change the border of an element to XYZ 68.0075, 61.7763, 50.9875 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(255, 191, 179) }
```


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

```
.border{ border-color:rgb(255, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0075, 61.7763, 50.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 179) }
```

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

```
.background{ background-color: rgb(255,  
191, 179) }
```

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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