

Converting Colors

XYZ(74.9771, 67.9872, 51.9952)

Have a look what the booklet for
XYZ(74.9771, 67.9872, 51.9952)
contains.

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Color

**XYZ(69.8001, 65.3615,
51.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7B3
RGB	255, 199, 179
RGB Percent	100%, 78%, 70%
CMY	0.0000, 0.2196, 0.2980
CMYK	0.00, 0.22, 0.30, 0.00
HSL	16°, 100%, 85%
HSV	16°, 30%, 100%
XYZ	69.8001, 65.3615, 51.5850
YIQ	213.4640, 39.7960, 5.6520

Conversions

Conversions Part 2

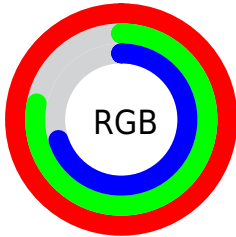
Format	Color
R _Y B	255, 206, 179
Decimal	16762803
CIE Lab	84.67, 17.18, 17.65
CIE LCh	85, 24.636, 45.777
Yxy	65.3615, 0.3738, 0.3500
Android (android.graphics.Color)	4294952883 (0xFFFFC7B3)
YUV	213.4640, -16.9908, 36.4271
Hunter-Lab	80.8465, 12.6296, 18.7619

Details

The XYZ color **69.8001, 65.3615, 51.5850** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3477, 76.2178, 105.8224**, and the grayscale version is **63.6496, 66.9643, 72.9241**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **36.9173, 33.6275, 24.2837** is the 20% darker color. If you saturate the color by 10%, you get **63.3967, 56.3074, 37.8817**, and if you desaturate by 10%, it is **77.2174, 75.6798, 67.9805**.

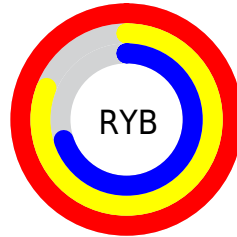
Distribution



Red (100%)

Green (78%)

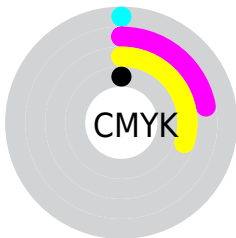
Blue (70%)



Red (100%)

Yellow (81%)

Blue (70%)

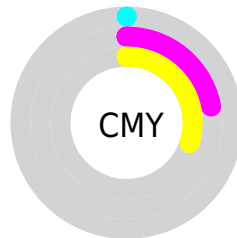


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8001, 65.3615, 51.5850 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 69.8001, 65.3615, 51.5850 by changing the saturation by 10% instead.


 69.8001, 65.3615,
51.5850

 69.8001, 65.3615,
51.5850


449.1252,
444.0899, 409.7436

 51.6426, 47.7543,
36.2944


 117.9515,
112.5694, 93.9393

 36.9434, 33.6323,
24.3702


148.6760,
142.9389, 121.8400

 25.3371, 22.6113,
15.3937


184.3203,
178.3313, 154.7813

 16.4585, 14.3068,
8.9465

225.2497,
219.1309, 193.1815

 9.9421, 8.3343,
4.6100

271.8295,
265.7222, 237.4594

 5.4225, 4.3096,
1.9656

324.4251,

 2.5345, 1.8482,

318.4895, 288.0333

0.5340

383.4019,
377.8173, 345.3219

■ 0.9127, 0.5170,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8001, 65.3615,
51.5850

■ 69.8001, 65.3615,
51.5850

■ 63.3967, 56.3074,
37.8817

■ 77.2174, 75.6798,
67.9805

■ 57.9567, 48.4591,
26.7215

■ 85.6864, 87.2998,
87.1985

■ 53.4322, 41.7672,
17.9469

95.0500, 100.0000,
108.9000

■ 49.7692, 36.1749,
11.3808

■ 46.9071, 31.6204,
6.8213

■ 44.7767, 28.0350,
4.0287

■ 43.2793, 25.3342,
2.6233

■ 43.2545, 25.2889,
2.6015

Harmonies

Analogous

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



72.8732, 65.3615, 63.2420



69.8001, 65.3615, 51.5850



64.7603, 65.3615, 45.6489

Triad

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



69.8001, 65.3615, 51.5850



52.4214, 65.3615, 63.9787



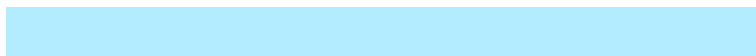
65.0457, 65.3615, 104.4942

Complementary

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



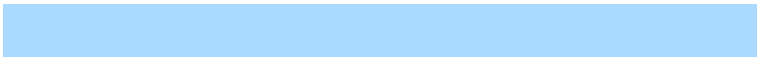
69.8001, 65.3615, 51.5850



66.3477, 76.2178, 105.8224

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.



59.5605, 65.3615, 104.7693



69.8001, 65.3615, 51.5850



52.4878, 65.3615, 79.7290

Square

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



69.8001, 65.3615, 51.5850



54.8457, 65.3615, 52.0554



55.0326, 65.3615, 95.1680



70.0197, 65.3615, 94.4643

Rectangle

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



69.8001, 65.3615, 51.5850



61.0651, 65.3615, 45.0749



55.0326, 65.3615, 95.1680



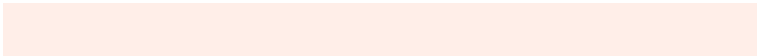
63.1953, 65.3615, 105.7754

Sweetspot

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



69.8017, 65.3645, 51.5863



86.4136, 88.2911, 88.8686



72.5008, 59.5570, 87.0316



18.2152, 18.5150, 18.3771



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.



69.8017, 65.3645, 51.5863



65.7165, 59.6069, 42.7860



79.3724, 84.5059, 54.7766



18.3981, 18.7644, 18.7965



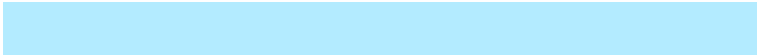
22.7041, 13.4194, 1.3936



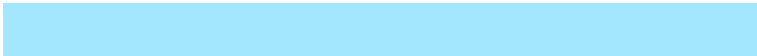
2.2952, 1.4758, 0.1639

Inverse Universe

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



66.3477, 76.2178, 105.8224



61.7252, 72.0876, 105.2688



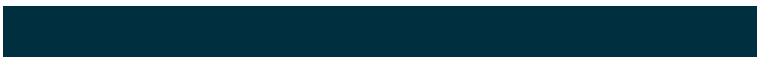
56.8351, 57.1926, 102.6515



18.1265, 19.6247, 23.0825



18.9428, 22.7952, 52.8361



1.9336, 2.3979, 5.1742

Previews

White Background



This preview shows how the XYZ color 69.8001, 65.3615, 51.5850 looks on a white background.

Color Contrast Check

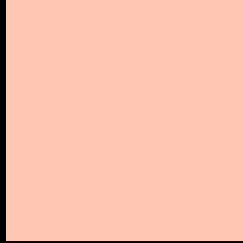
Large Text (above 18pt) WCAG AA × Fail

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 69.8001, 65.3615, 51.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

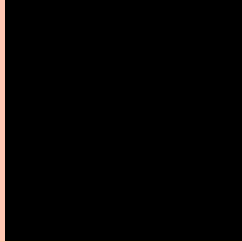
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8001, 65.3615, 51.5850

Background



This preview shows how black text looks on a background with the XYZ color 69.8001, 65.3615, 51.5850.



This preview shows how white text looks on a background with the XYZ color 69.8001, 65.3615,

51.5850.

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

69.8001, 65.3615, 51.5850

Protanopia

62.1754, 65.6209, 55.2880

Deuteranopia

66.9370, 65.6332, 51.2600



Tritanopia

72.6128, 65.3930, 69.7678

Trichromacy



Original Color

69.8001, 65.3615, 51.5850

Protanomaly

64.7918, 65.5370, 54.0348

Deuteranomaly

67.8678, 65.4119, 51.1682

Tritanomaly

71.5151, 65.3160, 62.8708

Monochromacy



Original Color

69.8001, 65.3615, 51.5850

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.0934, 65.8228, 64.5326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8001, 65.3615, 51.5850 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, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 179) }
```

Border

The CSS property to change the border of an element to XYZ 69.8001, 65.3615, 51.5850 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, 199, 179) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8001, 65.3615, 51.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 179) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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