

Converting Colors

XYZ(68.4387, 64.0658, 50.1227)

Have a look what the booklet for
XYZ(68.4387, 64.0658, 50.1227)
contains.

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Color

**XYZ(68.4101, 63.9895,
50.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC5B1
RGB	253, 197, 177
RGB Percent	99%, 77%, 69%
CMY	0.0078, 0.2274, 0.3059
CMYK	0.00, 0.22, 0.30, 0.01
HSL	16°, 95%, 84%
HSV	16°, 30%, 99%
XYZ	68.4101, 63.9895, 50.3406
YIQ	211.4640, 39.7960, 5.6520

Conversions

Conversions Part 2

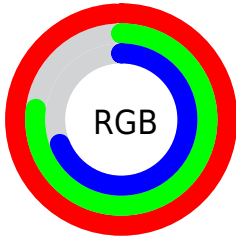
Format	Color
R _Y B	253, 204, 177
Decimal	16631217
CIE Lab	83.96, 17.23, 17.70
CIE LCh	84, 24.695, 45.772
Yxy	63.9895, 0.3744, 0.3502
Android (android.graphics.Color)	4294821297 (0xFFFD C5B1)
YUV	211.4640, -16.9908, 36.4271
Hunter-Lab	79.9934, 12.6640, 18.6837

Details

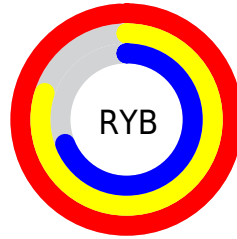
The XYZ color **68.4101, 63.9895, 50.3406** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9991, 74.7144, 103.9242**, and the grayscale version is **62.3157, 65.5610, 71.3959**.

A 20% lighter version of the original color is **91.3898, 98.0268, 91.1951**, and **35.9662, 32.7023, 23.4853** is the 20% darker color. If you saturate the color by 10%, you get **62.1445, 55.1266, 36.9429**, and if you desaturate by 10%, it is **75.6700, 74.0922, 66.3775**.

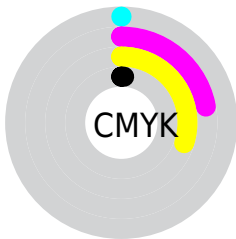
Distribution



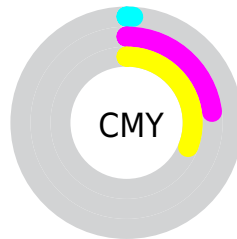
- Red (99%)
- Green (77%)
- Blue (69%)



- Red (99%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4101, 63.9895, 50.3406 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 68.4101, 63.9895, 50.3406 by changing the saturation by 10% instead.


 68.4101, 63.9895,
50.3406

 68.4101, 63.9895,
50.3406


444.3016,
439.1517, 404.7696

 50.5063, 46.6422,
35.3110


 115.9773,
110.5958, 92.0808

 36.0353, 32.7529,
23.6171


146.3715,
140.6236, 119.6285

 24.6317, 21.9372,
14.8403


181.6598,
175.6470, 152.1861

 15.9301, 13.8108,
8.5620

222.2077,
216.0503, 190.1719

 9.5653, 7.9892,
4.3637

268.3805,
262.2181, 234.0047

 5.1717, 4.0880,
1.8269


320.5435,

 2.3842, 1.7229,


314.5347, 284.1028


0.4456

379.0621,
373.3844, 340.8849


 0.8372, 0.4384,
0.0000


 0.0000, 0.0000,
0.0000


 68.4101, 63.9895,
50.3406


 68.4101, 63.9895,
50.3406


 62.1445, 55.1266,
36.9429


 75.6700, 74.0922,
66.3775


 56.8233, 47.4460,
26.0379

 83.9611, 85.4713,
85.1816

 52.3995, 40.8991,
17.4706

 93.3245, 98.1731,
106.8770

 48.8200, 35.4303,
11.0670

 94.3181, 99.6227,
108.8657

■ 46.0254, 30.9786,
6.6283

■ 43.9472, 27.4766,
3.9184

■ 42.4913, 24.8492,
2.5568

Harmonies

Analogous

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



71.4494, 63.9895, 61.8461



68.4101, 63.9895, 50.3406



63.4269, 63.9895, 44.4879

Triad

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



68.4101, 63.9895, 50.3406



51.2359, 63.9895, 62.5685



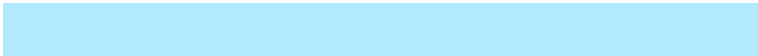
63.7070, 63.9895, 102.6534

Complementary

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



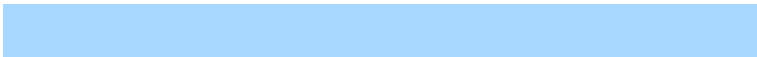
68.4101, 63.9895, 50.3406



64.9991, 74.7144, 103.9242

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.



58.2857, 63.9895, 102.9240



68.4101, 63.9895, 50.3406



51.3010, 63.9895, 78.1353

Square

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



68.4101, 63.9895, 50.3406



53.6300, 63.9895, 50.8012



53.8133, 63.9895, 93.4138



68.6257, 63.9895, 92.7221

Rectangle

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



68.4101, 63.9895, 50.3406



59.7745, 63.9895, 43.9216



53.8133, 63.9895, 93.4138



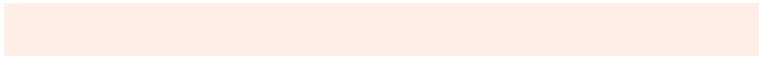
61.8778, 63.9895, 103.9220

Sweetspot

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



68.4118, 63.9925, 50.3419



86.4136, 88.2911, 88.8686



71.0819, 58.2682, 85.3428



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.



68.4118, 63.9925, 50.3419



65.7165, 59.6069, 42.7860



77.8671, 82.9031, 53.4937



18.3981, 18.7644, 18.7965



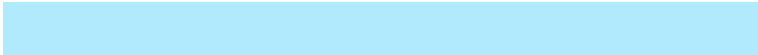
22.7041, 13.4194, 1.3936



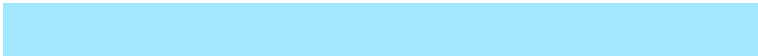
2.2952, 1.4758, 0.1639

Inverse Universe

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



64.9991, 74.7144, 103.9242



61.7252, 72.0877, 105.2688



55.6017, 55.9196, 100.7918



18.1265, 19.6247, 23.0825



18.9428, 22.7953, 52.8361



1.9336, 2.3979, 5.1742

Previews

White Background



This preview shows how the XYZ color 68.4101, 63.9895, 50.3406 looks on a white background.

Color Contrast Check

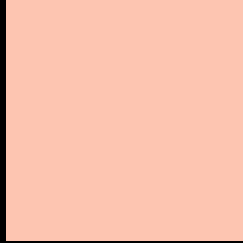
Large Text (above 18pt) WCAG AA × Fail

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 68.4101, 63.9895, 50.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

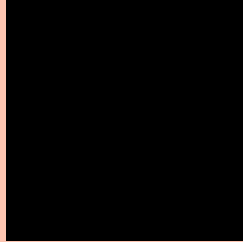
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4101, 63.9895, 50.3406

Background



This preview shows how black text looks on a background with the XYZ color 68.4101, 63.9895, 50.3406.



This preview shows how white text looks on a background with the XYZ color 68.4101, 63.9895,

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

68.4101, 63.9895, 50.3406

Protanopia

60.8629, 64.2355, 53.9906

Deuteranopia

65.5750, 64.2529, 50.0202



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

68.4101, 63.9895, 50.3406

Protanomaly

63.4505, 64.1546, 52.7549

Deuteranomaly

66.4968, 64.0360, 49.9297

Tritanomaly

70.1286, 63.6399, 60.8121

Monochromacy



Original Color

68.4101, 63.9895, 50.3406

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.7441, 64.4349, 63.1103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4101, 63.9895, 50.3406 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(253, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(253, 197, 177)  
}
```

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(253, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 177) }
```

Border

The CSS property to change the border of an element to XYZ 68.4101, 63.9895, 50.3406 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(253, 197, 177) }
```


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

```
.border{ border-color:rgb(253, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(253, 197,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4101, 63.9895, 50.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 197, 177) }
```

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

```
.background{ background-color: rgb(253,  
197, 177) }
```

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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