

Converting Colors

XYZ(67.9277, 66.5879, 51.9207)

Have a look what the booklet for
XYZ(67.9277, 66.5879, 51.9207)
contains.

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Color

**XYZ(67.9740, 66.5101,
51.9029)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CDB3
RGB	246, 205, 179
RGB Percent	96%, 80%, 70%
CMY	0.0353, 0.1961, 0.2980
CMYK	0.00, 0.17, 0.27, 0.04
HSL	23°, 79%, 83%
HSV	23°, 27%, 96%
XYZ	67.9740, 66.5101, 51.9029
YIQ	214.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

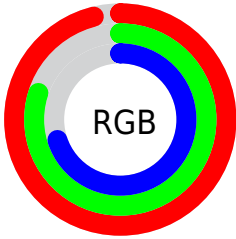
Format	Color
R _Y B	246, 221, 179
Decimal	16174515
CIE Lab	85.26, 10.69, 18.35
CIE LCh	85, 21.231, 59.779
Yxy	66.5101, 0.3647, 0.3568
Android (android.graphics.Color)	4294364595 (0xFFF6CDB3)
YUV	214.2950, -17.4004, 27.8053
Hunter-Lab	81.5537, 6.0585, 19.3539

Details

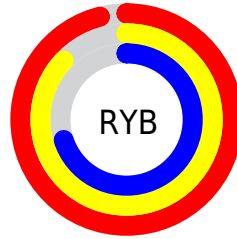
The XYZ color **67.9740, 66.5101, 51.9029** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.8175, 67.4219, 96.9973**, and the grayscale version is **64.2147, 67.5589, 73.5716**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **35.8188, 34.4584, 24.5019** is the 20% darker color. If you saturate the color by 10%, you get **62.2759, 58.7464, 38.8044**, and if you desaturate by 10%, it is **74.4659, 75.1503, 67.4572**.

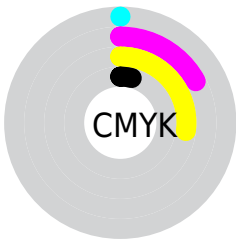
Distribution



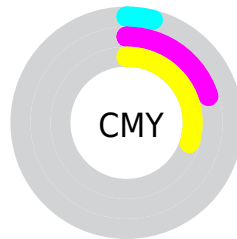
- Red (96%)
- Green (80%)
- Blue (70%)



- Red (96%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (4%)




- Cyan (4%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9740, 66.5101, 51.9029 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 67.9740, 66.5101, 51.9029 by changing the saturation by 10% instead.


 67.9740, 66.5101,
51.9029

 67.9740, 66.5101,
51.9029


442.7821,
448.1990, 411.0079

 50.1502, 48.6866,
36.5460


 115.3571,
114.2182, 94.4131

 35.7510, 34.3709,
24.5631


145.6470,
144.8715, 122.4035

 24.4112, 23.1787,
15.5358


180.8231,
180.5703, 155.4422

 15.7653, 14.7255,
9.0455

221.2505,
221.6988, 193.9476

 9.4480, 8.6270,
4.6737

267.2948,
268.6416, 238.3384

 5.0940, 4.4987,
2.0017

319.3213,

 2.3378, 1.9562,

321.7829, 289.0330

0.5563

377.6952,
381.5073, 346.4500

■ 0.8139, 0.5819,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9740, 66.5101,
51.9029

■ 67.9740, 66.5101,
51.9029

■ 62.2759, 58.7464,
38.8044

■ 74.4659, 75.1503,
67.4572

■ 57.3330, 51.8212,
28.0300

■ 81.7775, 84.6851,
85.5814

■ 53.1112, 45.7067,
19.4420

■ 89.9401, 95.1439,
106.3872

■ 49.5711, 40.3702,
12.8860

■ 91.8161, 98.3329,
108.7487

■ 46.6689, 35.7763,
8.1874

■ 44.3547, 31.8859,
5.1411

■ 42.5664, 28.6537,
3.4825

■ 42.1418, 27.8642,
3.1572

Harmonies

Analogous

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



71.5660, 66.5101, 60.0725



67.9740, 66.5101, 51.9029



63.2514, 66.5101, 49.0800

Triad

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



67.9740, 66.5101, 51.9029



54.4319, 66.5101, 72.3164



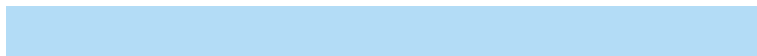
67.9094, 66.5101, 97.8562

Complementary

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



67.9740, 66.5101, 51.9029



60.8175, 67.4219, 96.9973

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.



63.1803, 66.5101, 102.1827



67.9740, 66.5101, 51.9029



55.5419, 66.5101, 86.3491

Square

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



67.9740, 66.5101, 51.9029



55.5745, 66.5101, 59.9169



58.6851, 66.5101, 97.7318



71.5274, 66.5101, 86.5475

Rectangle

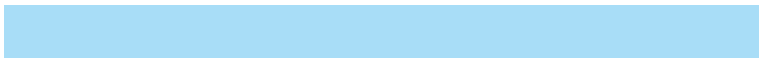
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9740, 66.5101, 51.9029



60.1451, 66.5101, 50.2924



58.6851, 66.5101, 97.7318



66.3894, 66.5101, 100.2345

Sweetspot

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



67.9757, 66.5132, 51.9043



88.0842, 91.0481, 91.2261



67.0869, 57.0179, 75.4005



18.5875, 19.1432, 18.8597



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.



67.9757, 66.5132, 51.9043



70.0533, 67.1484, 47.7219



76.7710, 84.1038, 54.8360



17.0266, 17.5372, 17.2852



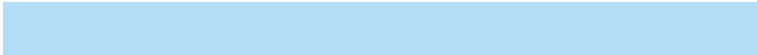
22.6198, 15.1252, 1.7273



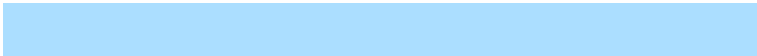
2.0847, 1.5226, 0.1840

Inverse Universe

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



60.8175, 67.4219, 96.9973



61.0232, 68.2837, 104.5715



52.9571, 51.7012, 94.3772



16.4252, 17.6148, 21.0769



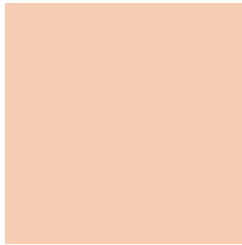
14.8848, 15.5634, 48.7575



1.4078, 1.5670, 4.3185

Previews

White Background



This preview shows how the XYZ color 67.9740, 66.5101, 51.9029 looks on a white background.

Color Contrast Check

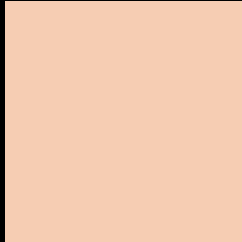
Large Text (above 18pt) WCAG AA × Fail

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 67.9740, 66.5101, 51.9029 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 67.9740, 66.5101, 51.9029

Background



This preview shows how black text looks on a background with the XYZ color 67.9740, 66.5101, 51.9029.



This preview shows how white text looks on a background with the XYZ color 67.9740, 66.5101,

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

67.9740, 66.5101, 51.9029

Protanopia

63.0820, 66.8547, 54.3792

Deuteranopia

67.9740, 66.5101, 51.9029



Tritanopia

72.3444, 66.5388, 73.3203

Trichromacy



Original Color

67.9740, 66.5101, 51.9029

Protanomaly

64.7688, 66.6264, 53.7025

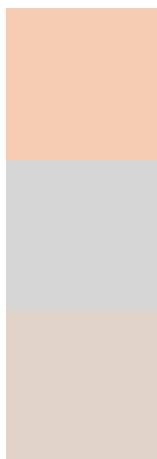
Deuteranomaly

67.9740, 66.5101, 51.9029

Tritanomaly

70.8481, 66.6451, 65.0068

Monochromacy



Original Color

67.9740, 66.5101, 51.9029

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.2009, 66.9743, 64.7492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9740, 66.5101, 51.9029 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(246, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 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(246, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 179) }
```

Border

The CSS property to change the border of an element to XYZ 67.9740, 66.5101, 51.9029 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(246, 205, 179) }
```


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

```
.border{ border-color:rgb(246, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 205, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 205, 179); box-shadow:4px 4px 4px 4px rgb(246, 205, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9740, 66.5101, 51.9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 179) }
```

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

```
.background{ background-color: rgb(246,  
205, 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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