

Converting Colors

XYZ(69.1331, 67.9585, 52.1754)

Have a look what the booklet for
XYZ(69.1331, 67.9585, 52.1754)
contains.

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Color

**XYZ(69.1609, 67.8368,
52.0965)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CFB3
RGB	248, 207, 179
RGB Percent	97%, 81%, 70%
CMY	0.0275, 0.1882, 0.2980
CMYK	0.00, 0.17, 0.28, 0.03
HSL	24°, 83%, 84%
HSV	24°, 28%, 97%
XYZ	69.1609, 67.8368, 52.0965
YIQ	216.0670, 33.4240, -0.0160

Conversions

Conversions Part 2

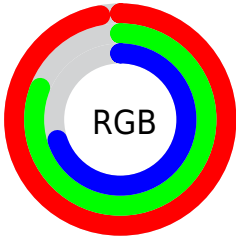
Format	Color
R_{YB}	248, 226, 179
Decimal	16306099
CIE _{Lab}	85.92, 10.39, 19.30
CIE _{LCh}	86, 21.924, 61.708
Yxy	67.8368, 0.3657, 0.3587
Android (android.graphics.Color)	4294496179 (0xFFF8CFB3)
YUV	216.0670, -18.2740, 28.0052
Hunter-Lab	82.3631, 5.7523, 20.1519

Details

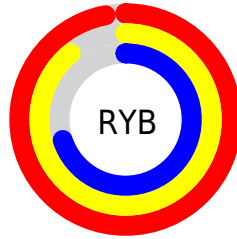
The XYZ color **69.1609, 67.8368, 52.0965** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.1262, 67.5454, 98.6230**, and the grayscale version is **65.4221, 68.8291, 74.9549**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **36.6430, 35.3652, 24.6335** is the 20% darker color. If you saturate the color by 10%, you get **63.4704, 60.1151, 38.9181**, and if you desaturate by 10%, it is **75.6392, 76.4115, 67.7644**.

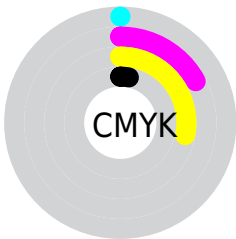
Distribution



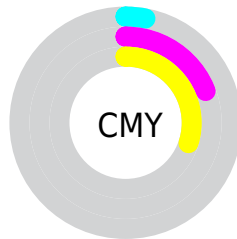
- Red (97%)
- Green (81%)
- Blue (70%)



- Red (97%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1609, 67.8368, 52.0965 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 69.1609, 67.8368, 52.0965 by changing the saturation by 10% instead.


 69.1609, 67.8368,
52.0965

 69.1609, 67.8368,
52.0965


446.9108,
452.9176, 411.7766

 51.1199, 49.7650,
36.6992


 117.0442,
116.1186, 94.7016

 36.5255, 35.2267,
24.6807


147.6171,
147.0975, 122.7465

 25.0123, 23.8376,
15.6225


183.0981,
183.1474, 155.8443

 16.2150, 15.2132,
9.1060

223.8525,
224.6528, 194.4136

 9.7682, 8.9691,
4.7126

270.2455,
271.9982, 238.8729

 5.3066, 4.7210,
2.0239

322.6427,

 2.4649, 2.0845,

325.5678, 289.6409

0.5699

381.4093,
385.7461, 347.1359

■ 0.8776, 0.6559,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1609, 67.8368,
52.0965

■ 69.1609, 67.8368,
52.0965

■ 63.4704, 60.1151,
38.9181

■ 75.6392, 76.4115,
67.7644

■ 58.5292, 53.2092,
28.0947

■ 82.9312, 85.8563,
86.0385

■ 54.3031, 47.0927,
19.4852

■ 91.0679, 96.1993,
107.0330

■ 50.7528, 41.7341,
12.9316

■ 92.5215, 98.6965,
108.7817

■ 47.8345, 37.0991,
8.2543

■ 45.4977, 33.1499,
5.2424

■ 43.6779, 29.8419,
3.6131

■ 43.3318, 29.1972,
3.3518

Harmonies

Analogous

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



73.0423, 67.8368, 60.2647



69.1609, 67.8368, 52.0965



64.1895, 67.8368, 49.5329

Triad

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



69.1609, 67.8368, 52.0965



55.3017, 67.8368, 74.6900



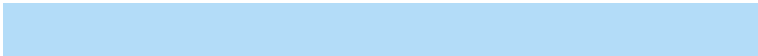
69.6845, 67.8368, 99.9654

Complementary

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



69.1609, 67.8368, 52.0965



61.1262, 67.5454, 98.6230

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.



64.7650, 67.8368, 105.0842



69.1609, 67.8368, 52.0965



56.6086, 67.8368, 89.3663

Square

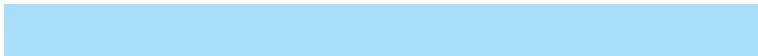
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1609, 67.8368, 52.0965



56.3452, 67.8368, 61.5198



60.0092, 67.8368, 100.9772



73.3555, 67.8368, 87.7552

Rectangle

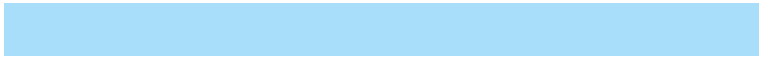
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1609, 67.8368, 52.0965



60.9720, 67.8368, 51.0407



60.0092, 67.8368, 100.9772



68.1135, 67.8368, 102.6389

Sweetspot

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



69.1627, 67.8399, 52.0979



88.1923, 91.2643, 91.2621



67.8034, 57.3860, 75.4918



18.6146, 19.1974, 18.8687



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.



69.1627, 67.8399, 52.0979



70.4087, 67.8592, 47.8403



78.3334, 86.1813, 55.1548



17.8230, 18.3818, 18.0711



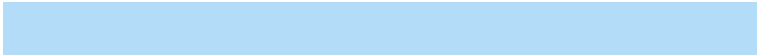
23.5371, 16.0308, 1.8537



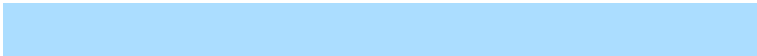
2.2810, 1.6869, 0.2054

Inverse Universe

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



61.1262, 67.5454, 98.6230



60.6277, 67.4927, 104.4397



53.0723, 51.4376, 95.9384



17.1405, 18.3578, 22.0253



14.9593, 15.2742, 50.1333



1.4896, 1.6228, 4.6779

Previews

White Background



This preview shows how the XYZ color 69.1609, 67.8368, 52.0965 looks on a white background.

Color Contrast Check

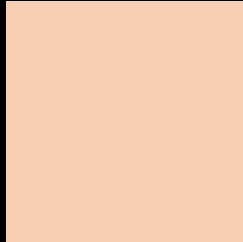
Large Text (above 18pt) WCAG AA × Fail

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 69.1609, 67.8368, 52.0965 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 69.1609, 67.8368, 52.0965

Background



This preview shows how black text looks on a background with the XYZ color 69.1609, 67.8368, 52.0965.



This preview shows how white text looks on a background with the XYZ color 69.1609, 67.8368,

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

69.1609, 67.8368, 52.0965

Protanopia

64.2117, 68.1885, 54.5771

Deuteranopia

69.1609, 67.8368, 52.0965



Tritanopia

73.7898, 67.9463, 74.8714

Trichromacy



Original Color

69.1609, 67.8368, 52.0965

Protanomaly

65.9187, 67.9568, 53.8987

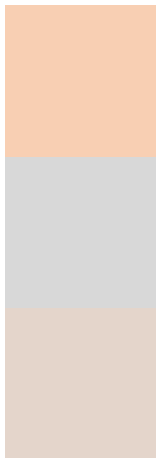
Deuteranomaly

69.1609, 67.8368, 52.0965

Tritanomaly

72.1560, 68.0068, 65.8235

Monochromacy



Original Color

69.1609, 67.8368, 52.0965

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.5687, 68.3943, 66.1928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1609, 67.8368, 52.0965 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(248, 207, 179) looks like.

```
.text, #text, p{  
    color:rgb(248, 207, 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(248, 207, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 207, 179) }
```

Border

The CSS property to change the border of an element to XYZ 69.1609, 67.8368, 52.0965 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(248, 207, 179) }
```


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

```
.border{ border-color:rgb(248, 207, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 207, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 207, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 207, 179); box-shadow:4px 4px 4px 4px rgb(248, 207, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1609, 67.8368, 52.0965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 207, 179) }
```

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

```
.background{ background-color: rgb(248,  
207, 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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