

Converting Colors

XYZ(68.1992, 64.7568, 51.9068)

Have a look what the booklet for
XYZ(68.1992, 64.7568, 51.9068)
contains.

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Color

**XYZ(68.3168, 64.9278,
52.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC8B4
RGB	250, 200, 180
RGB Percent	98%, 78%, 71%
CMY	0.0196, 0.2157, 0.2941
CMYK	0.00, 0.20, 0.28, 0.02
HSL	17°, 88%, 84%
HSV	17°, 28%, 98%
XYZ	68.3168, 64.9278, 52.1117
YIQ	212.6700, 36.2200, 4.3800

Conversions

Conversions Part 2

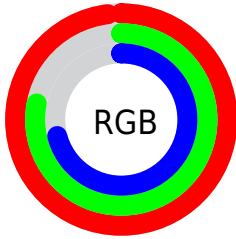
Format	Color
R _Y B	250, 208, 180
Decimal	16435380
CIE Lab	84.45, 14.93, 16.74
CIE LCh	84, 22.429, 48.281
Yxy	64.9278, 0.3686, 0.3503
Android (android.graphics.Color)	4294625460 (0xFFFA C8B4)
YUV	212.6700, -16.1063, 32.7384
Hunter-Lab	80.5778, 10.3277, 18.0601

Details

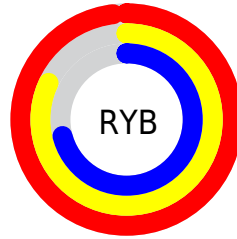
The XYZ color **68.3168, 64.9278, 52.1117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.3737, 73.1969, 101.1782**, and the grayscale version is **63.1140, 66.4009, 72.3106**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **35.8479, 33.2965, 24.6162** is the 20% darker color. If you saturate the color by 10%, you get **62.0998, 56.2083, 38.5874**, and if you desaturate by 10%, it is **75.4796, 74.8029, 68.2189**.

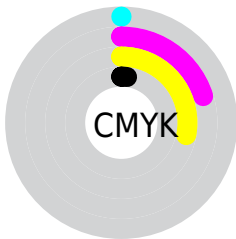
Distribution



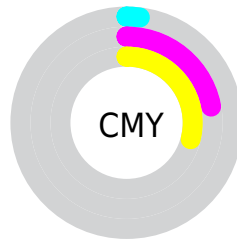
- Red (98%)
- Green (78%)
- Blue (71%)



- Red (98%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3168, 64.9278, 52.1117 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 68.3168, 64.9278, 52.1117 by changing the saturation by 10% instead.


 68.3168, 64.9278,
52.1117

 68.3168, 64.9278,
52.1117


443.9768,
442.5325, 411.8369

 50.4301, 47.4025,
36.7113


 115.8447,
111.9461, 94.7242

 35.9745, 33.3540,
24.6900


146.2165,
142.2078, 122.7734

 24.5845, 22.3978,
15.6293


181.4809,
177.4839, 155.8758

 15.8948, 14.1495,
9.1107

222.0030,
218.1587, 194.4502

 9.5401, 8.2247,
4.7157

268.1483,
264.6165, 238.9149

 5.1551, 4.2391,
2.0256


320.2822,

 2.3742, 1.8082,


317.2418, 289.6886


0.5710


378.7699,
376.4190, 347.1897


 0.8322, 0.4923,
0.0000


 0.0000, 0.0000,
0.0000


 68.3168, 64.9278,
52.1117


 68.3168, 64.9278,
52.1117


 62.0998, 56.2083,
38.5874


 75.4796, 74.8029,
68.2189


 56.7822, 48.5926,
27.5062

 83.6216, 85.8654,
87.0305

 52.3211, 42.0377,
18.7215

 92.7807, 98.1565,
108.6638

 48.6681, 36.4945,
12.0688

 93.2344, 99.0640,
108.8150

■ 45.7690, 31.9098,
7.3615

■ 43.5621, 28.2243,
4.3803

■ 41.9691, 25.3697,
2.8284

■ 41.7061, 24.8875,
2.6056

Harmonies

Analogous

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



71.2737, 64.9278, 62.4249



68.3168, 64.9278, 52.1117



63.6805, 64.9278, 47.0674

Triad

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



68.3168, 64.9278, 52.1117



52.7895, 64.9278, 65.2620



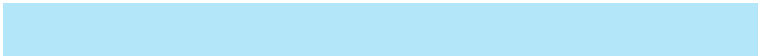
64.7694, 64.9278, 100.1144

Complementary

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



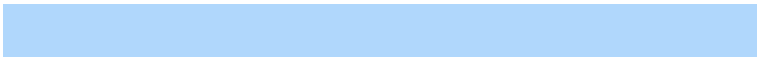
68.3168, 64.9278, 52.1117



64.3737, 73.1969, 101.1782

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.



59.7844, 64.9278, 101.1440



68.3168, 64.9278, 52.1117



53.0460, 64.9278, 79.6657

Square

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



68.3168, 64.9278, 52.1117



54.8266, 64.9278, 53.9469



55.5471, 64.9278, 93.2426



69.1509, 64.9278, 90.5944

Rectangle

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



68.3168, 64.9278, 52.1117



60.3409, 64.9278, 46.8496



55.5471, 64.9278, 93.2426



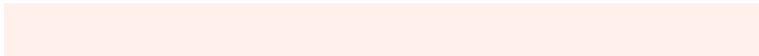
63.1036, 64.9278, 101.5078

Sweetspot

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



68.3185, 64.9308, 52.1130



87.4645, 89.8087, 91.0196



70.0524, 58.6898, 82.6222



18.4321, 18.8324, 18.8079



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

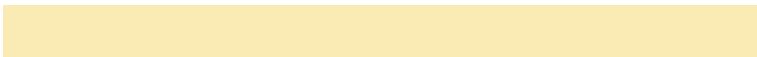
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3185, 64.9308, 52.1130



67.4230, 62.2726, 45.6587



77.3236, 82.9410, 55.1147



17.6486, 18.0330, 18.0129



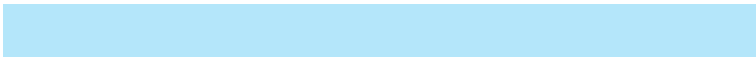
22.2277, 13.4121, 1.4173



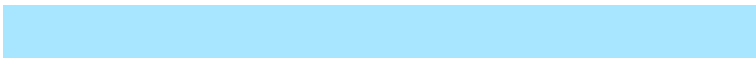
2.1449, 1.4147, 0.1600

Inverse Universe

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



64.3737, 73.1969, 101.1782



62.6212, 72.2953, 105.2616



55.6309, 55.7112, 98.2639



17.3222, 18.7211, 22.0859



17.7850, 20.9256, 51.0752



1.7376, 2.1189, 4.7606

Previews

White Background



This preview shows how the XYZ color 68.3168, 64.9278, 52.1117 looks on a white background.

Color Contrast Check

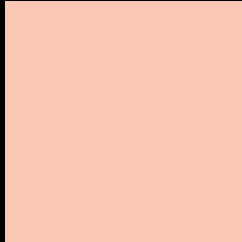
Large Text (above 18pt) WCAG AA × Fail

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 68.3168, 64.9278, 52.1117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

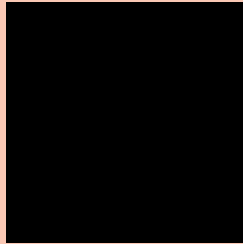
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3168, 64.9278, 52.1117

Background



This preview shows how black text looks on a background with the XYZ color 68.3168, 64.9278, 52.1117.



This preview shows how white text looks on a background with the XYZ color 68.3168, 64.9278,

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

68.3168, 64.9278, 52.1117

Protanopia

61.6223, 64.9681, 55.1912

Deuteranopia

66.4548, 65.0212, 51.6956



Tritanopia

72.0058, 65.0657, 70.3918

Trichromacy



Original Color

68.3168, 64.9278, 52.1117

Protanomaly

63.8973, 64.7173, 53.9237

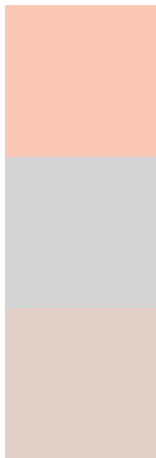
Deuteranomaly

67.2632, 65.0886, 51.6660

Tritanomaly

70.5365, 64.7981, 63.4332

Monochromacy



Original Color

68.3168, 64.9278, 52.1117

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4625, 65.4975, 64.5031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3168, 64.9278, 52.1117 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(250, 200, 180)` looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 180)  
}
```

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(250, 200, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 180) }
```

Border

The CSS property to change the border of an element to XYZ 68.3168, 64.9278, 52.1117 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(250, 200, 180) }
```


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

```
.border{ border-color:rgb(250, 200, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 200, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 180);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3168, 64.9278, 52.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 180) }
```

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

```
.background{ background-color: rgb(250,  
200, 180) }
```

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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