

Converting Colors

XYZ(68.2008, 65.9605, 52.9350)

Have a look what the booklet for
XYZ(68.2008, 65.9605, 52.9350)
contains.

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Color

**XYZ(68.0542, 65.8222,
52.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CBB5
RGB	247, 203, 181
RGB Percent	97%, 80%, 71%
CMY	0.0314, 0.2039, 0.2902
CMYK	0.00, 0.18, 0.27, 0.03
HSL	20°, 80%, 84%
HSV	20°, 27%, 97%
XYZ	68.0542, 65.8222, 52.8342
YIQ	213.6480, 33.2860, 2.4860

Conversions

Conversions Part 2

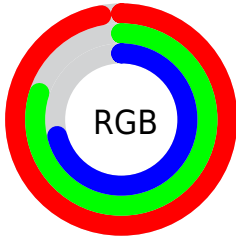
Format	Color
RYB	247, 214, 181
Decimal	16239541
CIELab	84.91, 12.37, 16.81
CIELCh	85, 20.875, 53.652
Yxy	65.8222, 0.3645, 0.3525
Android (android.graphics.Color)	4294429621 (0xFFF7CBB5)
YUV	213.6480, -16.0955, 29.2497
Hunter-Lab	81.1309, 7.7503, 18.1807

Details

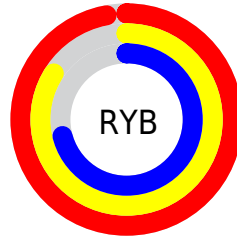
The XYZ color **68.0542, 65.8222, 52.8342** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7691, 70.3876, 98.2739**, and the grayscale version is **63.7704, 67.0915, 73.0626**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **35.8789, 34.0006, 25.0938** is the 20% darker color. If you saturate the color by 10%, you get **62.0574, 57.5310, 39.4204**, and if you desaturate by 10%, it is **74.9168, 75.1251, 68.7547**.

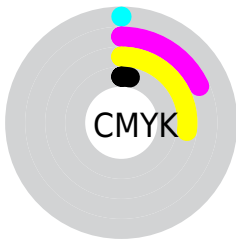
Distribution



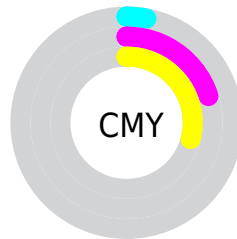
- Red (97%)
- Green (80%)
- Blue (71%)



- Red (97%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0542, 65.8222, 52.8342 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 68.0542, 65.8222, 52.8342 by changing the saturation by 10% instead.


 68.0542, 65.8222,
52.8342

 68.0542, 65.8222,
52.8342

443.0617,
445.7407, 414.6969

 50.2157, 48.1281,
37.2836


 115.4712,
113.2311, 95.7994

 35.8033, 33.9283,
25.1296

145.7803,
143.7147, 124.0511

 24.4517, 22.8385,
15.9538


180.9770,
179.2302, 157.3736

 15.7956, 14.4743,
9.3374

221.4267,
220.1621, 196.1855

 9.4696, 8.4513,
4.8621

267.4946,
266.8946, 240.9052

 5.1082, 4.3851,
2.1093


319.5462,

 2.3463, 1.8912,


319.8124, 291.9513


0.6213


377.9468,
379.2996, 349.7424


 0.8182, 0.5431,
0.0000


 0.0000, 0.0000,
0.0000


 68.0542, 65.8222,
52.8342


 68.0542, 65.8222,
52.8342

 62.0574, 57.5310,
39.4204


 74.9168, 75.1251,
68.7547


 56.8846, 50.2074,
28.3800

 82.6743, 85.4640,
87.2978

 52.4981, 43.8168,
19.5733

 91.3443, 96.8670,
108.4906

 48.8551, 38.3195,
12.8444

 92.1679, 98.5142,
108.7651

■ 45.9078, 33.6722,
8.0166

■ 43.6018, 29.8273,
4.8835

■ 41.8717, 26.7308,
3.1853

■ 41.4018, 25.8620,
2.8097

Harmonies

Analogous

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



71.1813, 65.8222, 61.8099



68.0542, 65.8222, 52.8342



63.5633, 65.8222, 48.9656

Triad

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



68.0542, 65.8222, 52.8342



54.0297, 65.8222, 68.8544



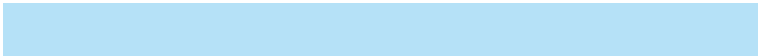
66.2458, 65.8222, 97.9923

Complementary

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



68.0542, 65.8222, 52.8342



62.7691, 70.3876, 98.2739

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.



61.5713, 65.8222, 100.4878



68.0542, 65.8222, 52.8342



54.6683, 65.8222, 82.5249

Square

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



68.0542, 65.8222, 52.8342



55.5837, 65.8222, 57.4406



57.3736, 65.8222, 94.5202



70.1013, 65.8222, 88.0724

Rectangle

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



68.0542, 65.8222, 52.8342



60.4600, 65.8222, 49.4096



57.3736, 65.8222, 94.5202



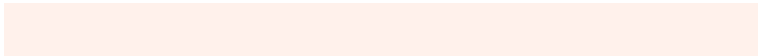
64.7122, 65.8222, 99.7747

Sweetspot

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



68.0559, 65.8252, 52.8356



87.7519, 90.3836, 91.1154



68.4728, 58.2589, 78.8709



18.5041, 18.9764, 18.8319



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.



68.0559, 65.8252, 52.8356



69.6165, 65.8825, 48.7858



76.6942, 83.1017, 55.7150



16.9505, 17.3852, 17.2598



22.0123, 13.9101, 1.5247



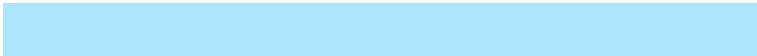
2.0253, 1.4039, 0.1642

Inverse Universe

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



62.7691, 70.3876, 98.2739



63.0589, 71.5234, 105.0896



54.6950, 54.2393, 95.5825



16.5041, 17.7725, 21.1031



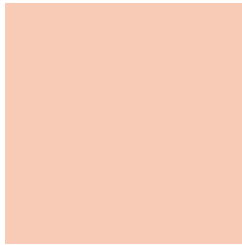
16.0974, 17.9885, 49.1617



1.5090, 1.7695, 4.3522

Previews

White Background



This preview shows how the XYZ color 68.0542, 65.8222, 52.8342 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 68.0542, 65.8222, 52.8342 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 68.0542, 65.8222, 52.8342

Background



This preview shows how black text looks on a background with the XYZ color 68.0542, 65.8222, 52.8342.



This preview shows how white text looks on a background with the XYZ color 68.0542, 65.8222,

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

68.0542, 65.8222, 52.8342

Protanopia

62.4246, 66.1193, 55.3711

Deuteranopia

67.2416, 65.7550, 52.8640



Tritanopia

72.1153, 65.7524, 72.5089

Trichromacy



Original Color

68.0542, 65.8222, 52.8342

Protanomaly

64.4072, 66.0505, 54.7018

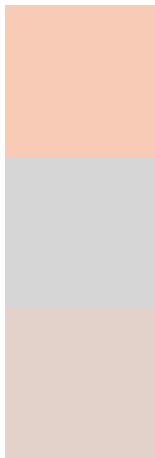
Deuteranomaly

67.5895, 65.9344, 52.8803

Tritanomaly

70.7393, 65.8968, 64.8681

Monochromacy



Original Color

68.0542, 65.8222, 52.8342

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.0713, 66.5262, 65.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0542, 65.8222, 52.8342 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(247, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 181)  
}
```

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(247, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 181) }
```

Border

The CSS property to change the border of an element to XYZ 68.0542, 65.8222, 52.8342 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(247, 203, 181) }
```


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

```
.border{ border-color:rgb(247, 203, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 203, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 203, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 203, 181); box-shadow:4px 4px 4px 4px rgb(247, 203, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0542, 65.8222, 52.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 181) }
```

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

```
.background{ background-color: rgb(247,  
203, 181) }
```

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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