

Converting Colors

XYZ(68.2941, 66.8054, 43.9384)

Have a look what the booklet for
XYZ(68.2941, 66.8054, 43.9384)
contains.

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Color

**XYZ(68.2258, 66.8162,
43.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCDA3
RGB	251, 205, 163
RGB Percent	98%, 80%, 64%
CMY	0.0157, 0.1961, 0.3608
CMYK	0.00, 0.18, 0.35, 0.02
HSL	29°, 92%, 81%
HSV	29°, 35%, 98%
XYZ	68.2258, 66.8162, 43.9513
YIQ	213.9660, 40.8980, -3.3100

Conversions

Conversions Part 2

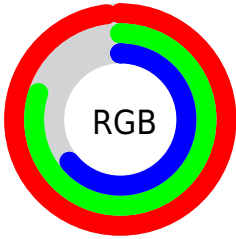
Format	Color
R_{YB}	251, 243, 163
Decimal	16502179
CIE _{Lab}	85.41, 10.57, 27.04
CIE _{LCh}	85, 29.030, 68.649
Yxy	66.8162, 0.3812, 0.3733
Android (android.graphics.Color)	4294692259 (0xFFFBCDA3)
YUV	213.9660, -25.1262, 32.4788
Hunter-Lab	81.7412, 5.9391, 25.3393

Details

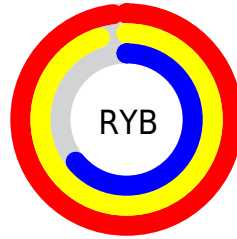
The XYZ color **68.2258, 66.8162, 43.9513** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.3166, 60.3504, 100.0000**, and the grayscale version is **64.0395, 67.3746, 73.3709**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **35.9282, 34.6184, 19.8273** is the 20% darker color. If you saturate the color by 10%, you get **63.1889, 59.9912, 32.2566**, and if you desaturate by 10%, it is **73.9756, 74.3523, 58.0870**.

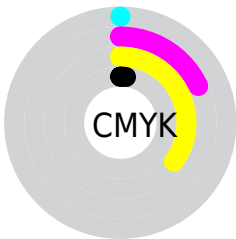
Distribution



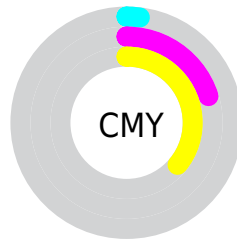
- Red (98%)
- Green (80%)
- Blue (64%)



- Red (98%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2258, 66.8162, 43.9513 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 68.2258, 66.8162, 43.9513 by changing the saturation by 10% instead.


 68.2258, 66.8162,
43.9513

 68.2258, 66.8162,
43.9513


443.6598,
449.2903, 378.5450

 50.3558, 48.9353,
30.2953


 115.7152,
114.6570, 82.4462

 35.9151, 34.5681,
19.8089


 146.0654,
145.3857, 108.1221

 24.5385, 23.3304,
12.0735


181.3063,
181.1657, 138.6418

 15.8604, 14.8377,
6.6706

221.8034,
222.3815, 174.4237

 9.5157, 8.7055,
3.1817

267.9219,
269.4175, 215.8865

 5.1388, 4.5496,
1.1881

320.0272,

 2.3645, 1.9855,

322.6580, 263.4486

0.0000

378.4847,
382.4874, 317.5286

■ 0.8274, 0.5990,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2258, 66.8162,
43.9513

■ 68.2258, 66.8162,
43.9513

■ 63.1889, 59.9912,
32.2566

■ 73.9756, 74.3523,
58.0870

■ 58.8269, 53.8445,
22.8569

■ 80.4638, 82.6122,
74.7901

■ 55.1054, 48.3541,
15.5968

■ 87.7207, 91.6201,
94.1827

■ 51.9843, 43.4928,
10.2996

■ 93.5936, 99.2492,
108.8318

■ 49.4179, 39.2307,
6.7595

■ 47.3509, 35.5335,
4.7238

■ 46.4774, 33.8967,
4.0931

Harmonies

Analogous

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



73.9100, 66.8162, 52.3853



68.2258, 66.8162, 43.9513



61.6230, 66.8162, 42.4851

Triad

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



68.2258, 66.8162, 43.9513



51.8010, 66.8162, 78.3380



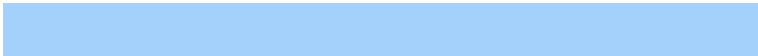
71.7415, 66.8162, 104.8807

Complementary

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



68.2258, 66.8162, 43.9513



55.3166, 60.3504, 100.0000

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.



65.4286, 66.8162, 114.7789



68.2258, 66.8162, 43.9513



54.1286, 66.8162, 97.8113

Square

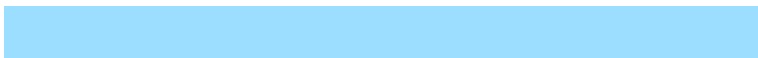
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2258, 66.8162, 43.9513



52.4361, 66.8162, 60.3396



59.0106, 66.8162, 111.9897



76.0353, 66.8162, 86.7584

Rectangle

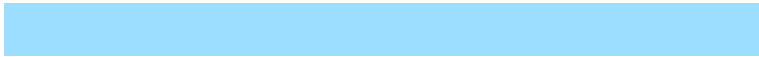
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.2258, 66.8162, 43.9513



57.6315, 66.8162, 45.3591



59.0106, 66.8162, 111.9897



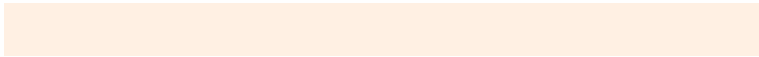
69.7684, 66.8162, 109.4109

Sweetspot

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



68.2275, 66.8193, 43.9527



86.3583, 89.3234, 85.3264



64.5058, 51.3541, 67.4423



18.2696, 18.8514, 17.6931



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.



68.2275, 66.8193, 43.9527



67.0060, 64.2522, 36.8458



79.9826, 90.3294, 47.8710



17.9281, 18.5921, 18.1061



24.5742, 18.1051, 2.1994



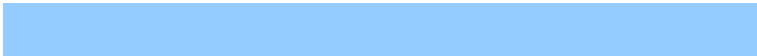
2.3814, 1.8877, 0.2388

Inverse Universe

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



55.3166, 60.3504, 100.0000



51.8084, 56.6341, 102.8086



46.1416, 42.0006, 96.9417



17.0337, 18.1443, 21.9897



13.5793, 12.5143, 49.6733



1.3639, 1.3714, 4.6360

Previews

White Background



This preview shows how the XYZ color 68.2258, 66.8162, 43.9513 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 68.2258, 66.8162, 43.9513 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 68.2258, 66.8162, 43.9513

Background



This preview shows how black text looks on a background with the XYZ color 68.2258, 66.8162, 43.9513.



This preview shows how white text looks on a background with the XYZ color 68.2258, 66.8162,

43.9513.

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

68.2258, 66.8162, 43.9513

Protanopia

62.7642, 66.8725, 46.1589

Deuteranopia

68.2258, 66.8162, 43.9513



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

68.2258, 66.8162, 43.9513

Protanomaly

64.5216, 66.6792, 45.5461

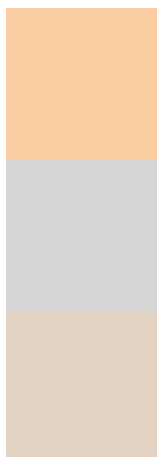
Deuteranomaly

68.2258, 66.8162, 43.9513

Tritanomaly

71.6100, 66.7842, 60.7462

Monochromacy



Original Color

68.2258, 66.8162, 43.9513

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8231, 66.8596, 61.1184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2258, 66.8162, 43.9513 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(251, 205, 163)` looks like.

```
.text, #text, p{  
    color:rgb(251, 205, 163)  
}
```

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(251, 205, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 205, 163) }
```

Border

The CSS property to change the border of an element to XYZ 68.2258, 66.8162, 43.9513 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(251, 205, 163) }
```


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

```
.border{ border-color:rgb(251, 205, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 205, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 205, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 205, 163);  
box-shadow:4px 4px 4px 4px rgb(251, 205,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2258, 66.8162, 43.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 205, 163) }
```

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

```
.background{ background-color: rgb(251,  
205, 163) }
```

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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