

Converting Colors

XYZ(68.5635, 68.2555, 42.9247)

Have a look what the booklet for
XYZ(68.5635, 68.2555, 42.9247)
contains.

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Color

**XYZ(68.3254, 67.9738,
42.7768)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD0A0
RGB	250, 208, 160
RGB Percent	98%, 82%, 63%
CMY	0.0196, 0.1843, 0.3725
CMYK	0.00, 0.17, 0.36, 0.02
HSL	32°, 90%, 80%
HSV	32°, 36%, 98%
XYZ	68.3254, 67.9738, 42.7768
YIQ	215.0860, 40.4400, -6.0240

Conversions

Conversions Part 2

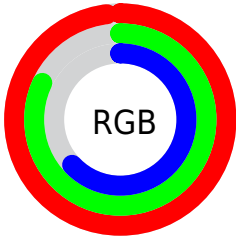
Format	Color
R _Y B	239, 250, 160
Decimal	16437408
CIE Lab	85.99, 8.28, 29.37
CIE LCh	86, 30.514, 74.261
Yxy	67.9738, 0.3815, 0.3796
Android (android.graphics.Color)	4294627488 (0xFFFAD0A0)
YUV	215.0860, -27.1574, 30.6196
Hunter-Lab	82.4462, 3.6468, 26.9500

Details

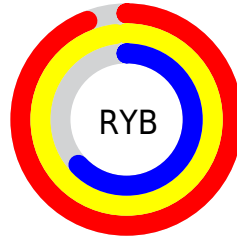
The XYZ color **68.3254, 67.9738, 42.7768** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8724, 56.6149, 98.5837**, and the grayscale version is **64.8100, 68.1852, 74.2537**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **36.0006, 35.4004, 19.1229** is the 20% darker color. If you saturate the color by 10%, you get **63.6147, 61.7073, 31.4802**, and if you desaturate by 10%, it is **73.6886, 74.8410, 56.4619**.

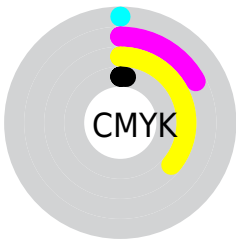
Distribution



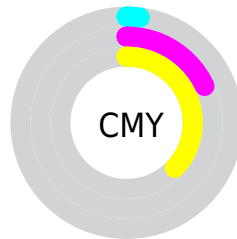
- Red (98%)
- Green (82%)
- Blue (63%)



- Red (94%)
- Yellow (98%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3254, 67.9738, 42.7768 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 68.3254, 67.9738, 42.7768 by changing the saturation by 10% instead.


 68.3254, 67.9738,
42.7768


 68.3254, 67.9738,
42.7768


444.0067,
453.4032, 373.5873

 50.4371, 49.8764,
29.3799


 115.8569,
116.3147, 80.6567

 35.9801, 35.3152,
19.1204


 146.2308,
147.3269, 105.9768

 24.5889, 23.9058,
11.5796


181.4974,
183.4130, 136.1083

 15.8981, 15.2638,
6.3391

222.0219,
224.9571, 171.4699

 9.5425, 9.0047,
2.9802

268.1697,
272.3438, 212.4800

 5.1566, 4.7442,
1.0845

320.3063,

 2.3751, 2.0980,

325.9575, 259.5573

0.0000

378.7968,
386.1825, 313.1202

■ 0.8327, 0.6635,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.3254, 67.9738,
42.7768

■ 68.3254, 67.9738,
42.7768

■ 63.6147, 61.7073,
31.4802

■ 73.6886, 74.8410,
56.4619

■ 59.5202, 56.0123,
22.4268

■ 79.7277, 82.3177,
72.6608

■ 56.0098, 50.8712,
15.4618

■ 86.4712, 90.4246,
91.4948

■ 53.0454, 46.2610,
10.4087

■ 93.1283, 98.8517,
108.7797

■ 50.5832, 42.1562,
7.0612

■ 93.2344, 99.0640,
108.8150

■ 48.5698, 38.5273,
5.1638

■ 47.8597, 37.1946,
4.6568

Harmonies

Analogous

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



74.7286, 67.9738, 50.2469



68.3254, 67.9738, 42.7768



61.3494, 67.9738, 42.5986

Triad

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



68.3254, 67.9738, 42.7768



52.4260, 67.9738, 83.9145



74.4585, 67.9738, 105.1759

Complementary

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



68.3254, 67.9738, 42.7768



52.8724, 56.6149, 98.5837

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.



67.9781, 67.9738, 117.9851



68.3254, 67.9738, 42.7768



55.4434, 67.9738, 104.2901

Square

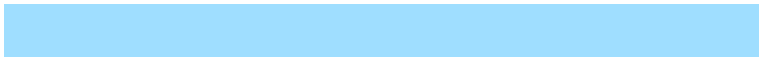
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.3254, 67.9738, 42.7768



52.5042, 67.9738, 64.0451



61.0261, 67.9738, 117.6344



78.4400, 67.9738, 84.9626

Rectangle

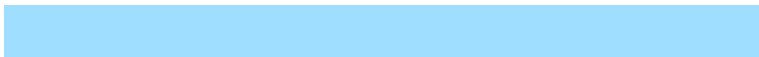
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.3254, 67.9738, 42.7768



57.3256, 67.9738, 46.5173



61.0261, 67.9738, 117.6344



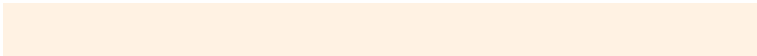
72.4804, 67.9738, 110.6401

Sweetspot

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



68.3271, 67.9770, 42.7782



86.8241, 90.2550, 85.4817



62.6563, 49.7306, 62.1744



18.3805, 19.0733, 17.7300



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.



68.3271, 67.9770, 42.7782



67.9319, 66.4232, 36.1703



78.8888, 90.6836, 46.6044



18.0113, 18.7584, 18.1338



25.5318, 20.0203, 2.5186



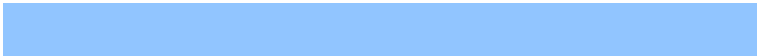
2.4708, 2.0665, 0.2686

Inverse Universe

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



52.8724, 56.6149, 98.5837



49.6448, 52.9835, 102.2180



44.9311, 39.8311, 95.7626



16.9507, 17.9782, 21.9620



12.6465, 10.6486, 49.3624



1.2763, 1.1962, 4.6068

Previews

White Background



This preview shows how the XYZ color 68.3254, 67.9738, 42.7768 looks on a white background.

Color Contrast Check

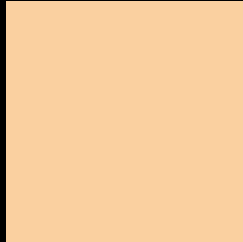
Large Text (above 18pt) WCAG AA × Fail

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 68.3254, 67.9738, 42.7768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

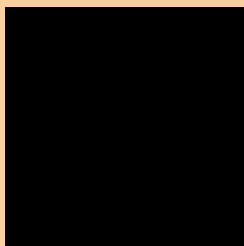
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3254, 67.9738, 42.7768

Background



This preview shows how black text looks on a background with the XYZ color 68.3254, 67.9738, 42.7768.



This preview shows how white text looks on a background with the XYZ color 68.3254, 67.9738,

42.7768.

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

68.3254, 67.9738, 42.7768

Protanopia

63.5444, 68.0682, 44.4397

Deuteranopia

69.2895, 67.7515, 42.6831



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

68.3254, 67.9738, 42.7768

Protanomaly

64.9901, 67.7001, 43.8245

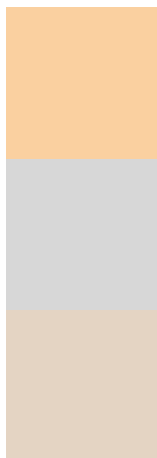
Deuteranomaly

69.1660, 68.0464, 42.7465

Tritanomaly

72.0647, 68.0539, 61.5620

Monochromacy



Original Color

68.3254, 67.9738, 42.7768

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.3887, 67.5211, 61.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3254, 67.9738, 42.7768 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, 208, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 208, 160)  
}
```

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, 208, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 208, 160) }
```

Border

The CSS property to change the border of an element to XYZ 68.3254, 67.9738, 42.7768 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, 208, 160) }
```


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

```
.border{ border-color:rgb(250, 208, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 208, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 208, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 208, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 208,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3254, 67.9738, 42.7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 208, 160) }
```

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

```
.background{ background-color: rgb(250,  
208, 160) }
```

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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