

Converting Colors

XYZ(67.4801, 66.9485, 46.4827)

Have a look what the booklet for
XYZ(67.4801, 66.9485, 46.4827)
contains.

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Color

**XYZ(67.7385, 67.2270,
46.4517)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CFA8
RGB	247, 207, 168
RGB Percent	97%, 81%, 66%
CMY	0.0314, 0.1882, 0.3412
CMYK	0.00, 0.16, 0.32, 0.03
HSL	30°, 83%, 81%
HSV	30°, 32%, 97%
XYZ	67.7385, 67.2270, 46.4517
YIQ	214.5140, 36.3590, -3.6490

Conversions

Conversions Part 2

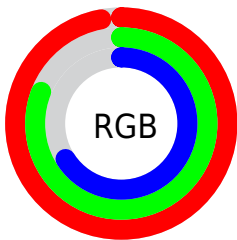
Format	Color
RYB	247, 245, 168
Decimal	16240552
CIELab	85.62, 8.61, 24.64
CIELCh	86, 26.104, 70.748
Yxy	67.2270, 0.3734, 0.3706
Android (android.graphics.Color)	4294430632 (0xFFFF7CFA8)
YUV	214.5140, -22.9314, 28.4902
Hunter-Lab	81.9921, 3.9833, 23.8044

Details

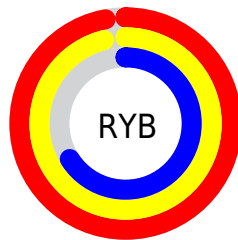
The XYZ color **67.7385, 67.2270, 46.4517** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.4922, 60.1501, 96.6812**, and the grayscale version is **64.3971, 67.7507, 73.7806**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **35.7788, 34.9906, 21.3911** is the 20% darker color. If you saturate the color by 10%, you get **62.7423, 60.5738, 34.4917**, and if you desaturate by 10%, it is **73.4153, 74.5412, 60.7963**.

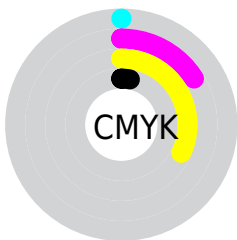
Distribution



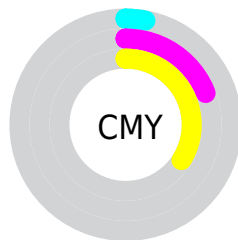
- Red (97%)
- Green (81%)
- Blue (66%)



- Red (97%)
- Yellow (96%)
- Blue (66%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7385, 67.2270, 46.4517 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 67.7385, 67.2270, 46.4517 by changing the saturation by 10% instead.

67.7385, 67.2270,
46.4517

67.7385, 67.2270,
46.4517

441.9602,
450.7524, 388.9519

49.9579, 49.2691,
32.2512

115.0219,
115.2456, 86.2360

35.5976, 34.8330,
21.2870

145.2555,
146.0752, 112.6568

24.2923, 23.5343,
13.1407

180.3708,
181.9640, 143.9882

15.6765, 14.9885,
7.3936

220.7331,
223.2966, 180.6487

9.3849, 8.8113,
3.6273

266.7079,
270.4574, 223.0567

5.0522, 4.6183,
1.4232

318.6604,

2.3130, 2.0251,

323.8307, 271.6309

0.1597

376.9561,
383.8008, 326.7898

■ 0.8013, 0.6220,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7385, 67.2270,
46.4517

■ 67.7385, 67.2270,
46.4517

■ 62.7423, 60.5738,
34.4917

■ 73.4153, 74.5412,
60.7963

■ 58.3911, 54.5512,
24.7795

■ 79.7956, 82.5269,
77.6436

■ 54.6535, 49.1400,
17.1710

■ 86.9076, 91.2061,
97.1086

■ 51.4932, 44.3161,
11.5030

■ 92.1678, 98.5142,
108.7651

■ 48.8685, 40.0530,
7.5880

■ 46.7307, 36.3206,
5.2002

■ 45.3116, 33.6818,
4.1131

Harmonies

Analogous

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



72.9486, 67.2270, 53.8524



67.7385, 67.2270, 46.4517



61.7903, 67.2270, 45.5306

Triad

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



67.7385, 67.2270, 46.4517



53.3179, 67.2270, 79.4715



71.6480, 67.2270, 100.8882

Complementary

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



67.7385, 67.2270, 46.4517



55.4922, 60.1501, 96.6812

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.



66.0515, 67.2270, 110.2771



67.7385, 67.2270, 46.4517



55.6274, 67.2270, 96.6990

Square

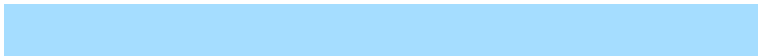
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7385, 67.2270, 46.4517



53.7075, 67.2270, 62.9323



60.2040, 67.2270, 108.6352



75.3006, 67.2270, 84.5251

Rectangle

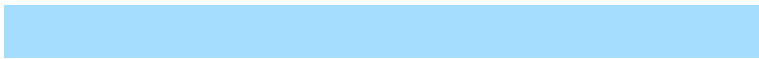
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7385, 67.2270, 46.4517



58.2327, 67.2270, 48.5272



60.2040, 67.2270, 108.6352



69.9177, 67.2270, 105.0712

Sweetspot

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



67.7402, 67.2301, 46.4531



87.2318, 90.5032, 87.3665



63.8468, 52.3745, 66.9475



18.4498, 19.0987, 18.1017



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.



67.7402, 67.2301, 46.4531



69.4778, 67.8474, 41.8269



78.2855, 88.3206, 49.9682



17.1749, 17.8338, 17.3346



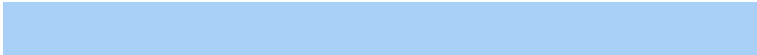
24.1055, 18.0965, 2.2225



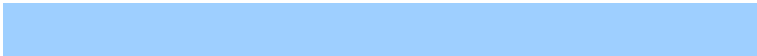
2.2213, 1.7958, 0.2296

Inverse Universe

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



55.4922, 60.1501, 96.6812



54.5211, 59.2009, 103.1611



47.1846, 43.5350, 93.9120



16.2746, 17.3135, 21.0266



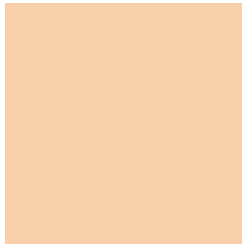
12.9030, 11.5998, 48.0970



1.2369, 1.2252, 4.2615

Previews

White Background



This preview shows how the XYZ color 67.7385, 67.2270, 46.4517 looks on a white background.

Color Contrast Check

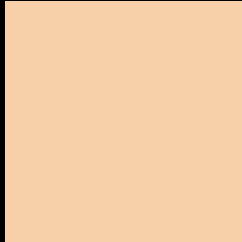
Large Text (above 18pt) WCAG AA × Fail

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 67.7385, 67.2270, 46.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

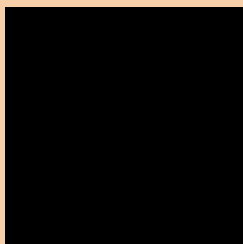
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7385, 67.2270, 46.4517

Background



This preview shows how black text looks on a background with the XYZ color 67.7385, 67.2270, 46.4517.



This preview shows how white text looks on a background with the XYZ color 67.7385, 67.2270,

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

67.7385, 67.2270, 46.4517

Protanopia

63.3922, 67.5274, 48.2210

Deuteranopia

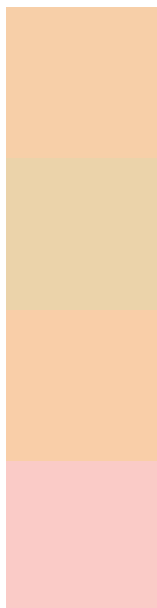
68.5635, 67.2938, 46.4211



Tritanopia

73.1938, 66.9619, 74.0329

Trichromacy



Original Color

67.7385, 67.2270, 46.4517

Protanomaly

64.8109, 67.1530, 47.5761

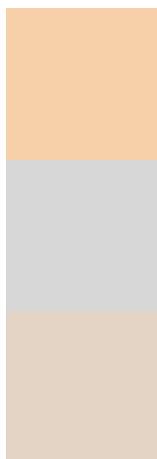
Deuteranomaly

68.2061, 67.1095, 46.4044

Tritanomaly

71.0891, 67.1594, 63.2491

Monochromacy



Original Color

67.7385, 67.2270, 46.4517

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4151, 67.4951, 63.0062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7385, 67.2270, 46.4517 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, 207, 168)` looks like.

```
.text, #text, p{  
    color:rgb(247, 207, 168)  
}
```

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, 207, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 168) }
```

Border

The CSS property to change the border of an element to XYZ 67.7385, 67.2270, 46.4517 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, 207, 168) }
```


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

```
.border{ border-color:rgb(247, 207, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 207, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 168);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7385, 67.2270, 46.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 168) }
```

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

```
.background{ background-color: rgb(247,  
207, 168) }
```

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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