

Converting Colors

XYZ(67.0670, 67.3517, 43.7360)

Have a look what the booklet for
XYZ(67.0670, 67.3517, 43.7360)
contains.

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Color

**XYZ(67.0835, 67.3132,
43.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D0A2
RGB	246, 208, 162
RGB Percent	96%, 82%, 64%
CMY	0.0353, 0.1843, 0.3647
CMYK	0.00, 0.15, 0.34, 0.04
HSL	33°, 82%, 80%
HSV	33°, 34%, 96%
XYZ	67.0835, 67.3132, 43.6395
YIQ	214.1180, 37.4140, -6.2500

Conversions

Conversions Part 2

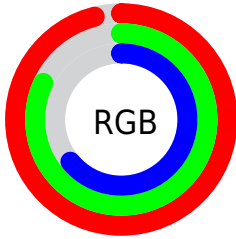
Format	Color
R _Y B	231, 246, 162
Decimal	16175266
CIE Lab	85.66, 6.98, 27.82
CIE LCh	86, 28.682, 75.924
Yxy	67.3132, 0.3768, 0.3781
Android (android.graphics.Color)	4294365346 (0xFFFF6D0A2)
YUV	214.1180, -25.6942, 27.9605
Hunter-Lab	82.0446, 2.3718, 25.8949

Details

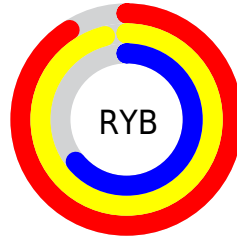
The XYZ color **67.0835, 67.3132, 43.6395** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1886, 55.6420, 95.1782**, and the grayscale version is **64.1473, 67.4880, 73.4944**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **35.1091, 34.9284, 19.6432** is the 20% darker color. If you saturate the color by 10%, you get **62.4891, 61.2882, 32.3546**, and if you desaturate by 10%, it is **72.2994, 73.8963, 57.2434**.

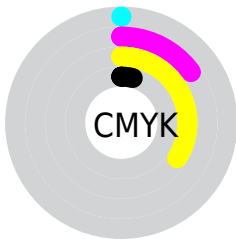
Distribution



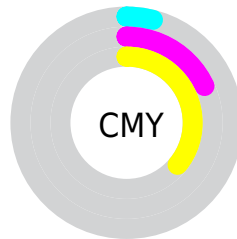
- Red (96%)
- Green (82%)
- Blue (64%)



- Red (91%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0835, 67.3132, 43.6395 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 67.0835, 67.3132, 43.6395 by changing the saturation by 10% instead.


 67.0835, 67.3132,
43.6395


 67.0835, 67.3132,
43.6395


439.6697,
451.0588, 377.2333

 49.4234, 49.3392,
30.0521


 114.0892,
115.3691, 81.9717

 35.1714, 34.8886,
19.6257


 144.1655,
146.2197, 107.5535

 23.9621, 23.5771,
11.9419


179.1113,
182.1314, 137.9706

 15.4301, 15.0202,
6.5821

219.2919,
223.4885, 173.6415

 9.2101, 8.8336,
3.1277

265.0727,
270.6754, 214.9846

 4.9367, 4.6328,
1.1602

316.8191,

 2.2445, 2.0335,

324.0765, 262.4186

0.0000

374.8963,
384.0761, 316.3620

■ 0.7660, 0.6268,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.0835, 67.3132,
43.6395

■ 67.0835, 67.3132,
43.6395

■ 62.4891, 61.2882,
32.3546

■ 72.2994, 73.8963,
57.2434

■ 58.4823, 55.7941,
23.2514

■ 78.1586, 81.0447,
73.2846

■ 55.0330, 50.8150,
16.1841

■ 84.6877, 88.7776,
91.8784

■ 52.1060, 46.3301,
10.9876

■ 91.0282, 96.7571,
108.4860

■ 49.6609, 42.3165,
7.4701

■ 91.8161, 98.3329,
108.7487

■ 47.6490, 38.7475,
5.3975

■ 46.6324, 36.8455,
4.6541

Harmonies

Analogous

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



73.1221, 67.3132, 50.3638



67.0835, 67.3132, 43.6395



60.5939, 67.3132, 43.8524

Triad

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



67.0835, 67.3132, 43.6395



52.6427, 67.3132, 83.6140



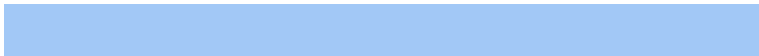
73.4358, 67.3132, 101.2774

Complementary

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



67.0835, 67.3132, 43.6395



52.1886, 55.6420, 95.1782

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.



67.4883, 67.3132, 113.6215



67.0835, 67.3132, 43.6395



55.6320, 67.3132, 102.2989

Square

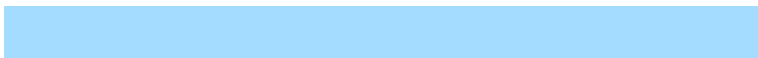
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0835, 67.3132, 43.6395



52.5506, 67.3132, 64.8857



60.9721, 67.3132, 114.0243



76.9551, 67.3132, 82.3960

Rectangle

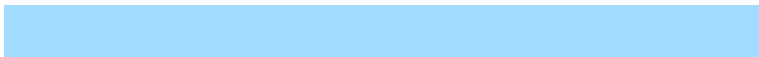
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.0835, 67.3132, 43.6395



56.8877, 67.3132, 47.8468



60.9721, 67.3132, 114.0243



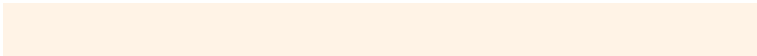
71.6368, 67.3132, 106.4602

Sweetspot

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



67.0852, 67.3163, 43.6409



87.6430, 91.3255, 87.5036



61.4930, 49.6607, 61.7269



18.5492, 19.2976, 18.1348



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.



67.0852, 67.3163, 43.6409



69.2666, 68.4471, 38.6054



76.5088, 87.6106, 47.0614



17.2514, 17.9869, 17.3601



25.0327, 19.9510, 2.5316



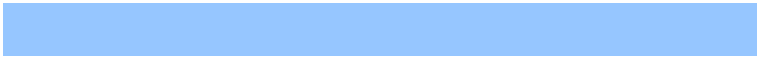
2.3027, 1.9587, 0.2567

Inverse Universe

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



52.1886, 55.6420, 95.1782



50.8453, 54.0161, 102.3541



45.0311, 40.4733, 92.6276



16.1985, 17.1612, 21.0013



12.0647, 9.9231, 47.8175



1.1616, 1.0746, 4.2364

Previews

White Background



This preview shows how the XYZ color 67.0835, 67.3132, 43.6395 looks on a white background.

Color Contrast Check

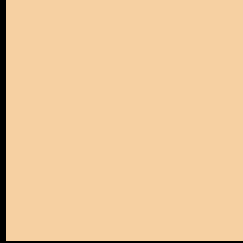
Large Text (above 18pt) WCAG AA × Fail

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 67.0835, 67.3132, 43.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

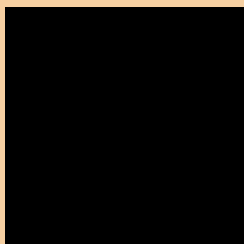
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0835, 67.3132, 43.6395

Background



This preview shows how black text looks on a background with the XYZ color 67.0835, 67.3132, 43.6395.



This preview shows how white text looks on a background with the XYZ color 67.0835, 67.3132,

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

67.0835, 67.3132, 43.6395

Protanopia

63.1512, 67.4678, 45.2915

Deuteranopia

68.7378, 67.4467, 43.5781



Tritanopia

73.4262, 67.4266, 74.1104

Trichromacy



Original Color

67.0835, 67.3132, 43.6395

Protanomaly

64.5053, 67.4295, 44.7374

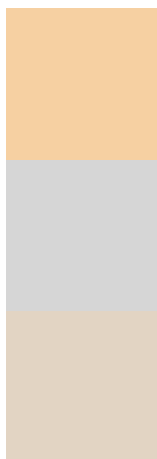
Deuteranomaly

68.2588, 67.5583, 43.6248

Tritanomaly

70.9810, 67.4952, 61.5113

Monochromacy



Original Color

67.0835, 67.3132, 43.6395

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.7578, 67.1958, 61.1868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0835, 67.3132, 43.6395 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(246, 208, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 162)  
}
```

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(246, 208, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 162) }
```

Border

The CSS property to change the border of an element to XYZ 67.0835, 67.3132, 43.6395 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(246, 208, 162) }
```


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

```
.border{ border-color:rgb(246, 208, 162) }
```

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

Here you see how a box with a 4 pixel rgb(246, 208, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0835, 67.3132, 43.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 162) }
```

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

```
.background{ background-color: rgb(246,  
208, 162) }
```

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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