

Converting Colors

XYZ(67.1158, 67.8948, 35.1588)

Have a look what the booklet for
XYZ(67.1158, 67.8948, 35.1588)
contains.

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Color

**XYZ(67.1073, 67.8779,
35.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD18E
RGB	250, 209, 142
RGB Percent	98%, 82%, 56%
CMY	0.0196, 0.1804, 0.4431
CMYK	0.00, 0.16, 0.43, 0.02
HSL	37°, 92%, 77%
HSV	37°, 43%, 98%
XYZ	67.1073, 67.8779, 35.1560
YIQ	213.6210, 45.9430, -12.1450

Conversions

Conversions Part 2

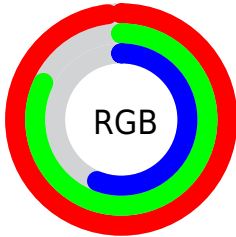
Format	Color
R _Y B	208, 250, 142
Decimal	16437646
CIE Lab	85.95, 5.81, 38.56
CIE LCh	86, 38.995, 81.437
Yxy	67.8779, 0.3944, 0.3990
Android (android.graphics.Color)	4294627726 (0xFFFAD18E)
YUV	213.6210, -35.3092, 31.9044
Hunter-Lab	82.3880, 1.2140, 32.3719

Details

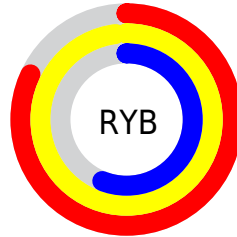
The XYZ color **67.1073, 67.8779, 35.1560** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.3436, 46.5183, 97.0314**, and the grayscale version is **63.8713, 67.1976, 73.1782**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **35.3479, 35.4045, 14.8682** is the 20% darker color. If you saturate the color by 10%, you get **63.1779, 62.6935, 25.6015**, and if you desaturate by 10%, it is **71.5997, 73.5144, 46.9762**.

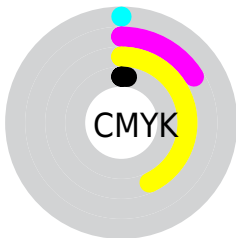
Distribution



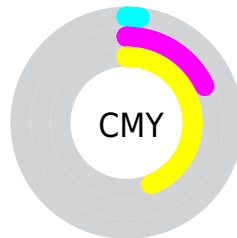
- Red (98%)
- Green (82%)
- Blue (56%)



- Red (82%)
- Yellow (98%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1073, 67.8779, 35.1560 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 67.1073, 67.8779, 35.1560 by changing the saturation by 10% instead.


 67.1073, 67.8779,
35.1560

 67.1073, 67.8779,
35.1560


439.7531,
453.0633, 340.1815

 49.4428, 49.7984,
23.4986


 114.1231,
116.1775, 68.8817

 35.1869, 35.2532,
14.7533


 144.2052,
147.1663, 91.7870

 23.9741, 23.8580,
8.5017


179.1571,
183.2271, 119.2787

 15.4390, 15.2283,
4.3253

219.3444,
224.7441, 151.7753

 9.2164, 8.9798,
1.8054

265.1322,
272.1019, 189.6953

 4.9408, 4.7280,
0.4315

316.8861,

 2.2470, 2.0886,

325.6847, 233.4573

0.0000

374.9712,
385.8771, 283.4799

■ 0.7673, 0.6582,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1073, 67.8779,
35.1560

■ 67.1073, 67.8779,
35.1560

■ 63.1779, 62.6935,
25.6015

■ 71.5997, 73.5144,
46.9762

■ 59.7756, 57.9356,
18.1579

■ 76.6783, 79.6085,
61.1950

■ 56.8676, 53.5895,
12.6571

■ 82.3708, 86.1774,
77.9396

■ 54.4144, 49.6354,
8.9033

■ 88.7014, 93.2345,
97.3270

■ 52.3683, 46.0501,
6.6589

■ 93.2343, 99.0640,
108.8150

■ 51.1632, 43.8018,
5.7580

Harmonies

Analogous

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



75.8263, 67.8779, 41.7306



67.1073, 67.8779, 35.1560



58.4398, 67.8779, 36.9244

Triad

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



67.1073, 67.8779, 35.1560



49.8124, 67.8779, 93.3828



78.8997, 67.8779, 109.0082

Complementary

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



67.1073, 67.8779, 35.1560



45.3436, 46.5183, 97.0314

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.



70.9992, 67.8779, 129.8019



67.1073, 67.8779, 35.1560



54.3902, 67.8779, 119.4293

Square

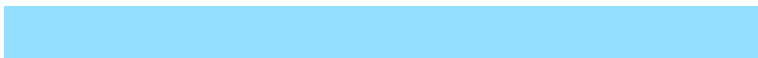
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1073, 67.8779, 35.1560



48.9782, 67.8779, 66.8224



61.9921, 67.8779, 134.0019



83.0345, 67.8779, 81.4765

Rectangle

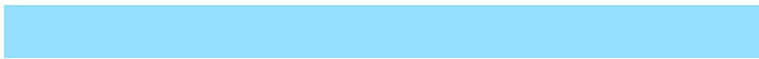
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1073, 67.8779, 35.1560



53.8034, 67.8779, 42.8234



61.9921, 67.8779, 134.0019



76.5636, 67.8779, 117.2588

Sweetspot

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



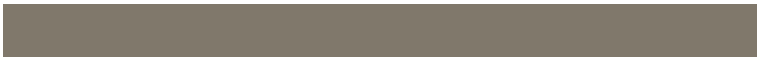
67.1090, 67.8811, 35.1574



86.2811, 90.2787, 81.8799



57.6867, 43.1062, 50.2990



18.1734, 18.9886, 16.6448



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.



67.1090, 67.8811, 35.1574



66.5297, 66.1791, 27.8099



74.1270, 88.3977, 38.7476



18.1416, 19.0191, 18.1773



27.2818, 23.5203, 3.1020



2.6290, 2.3828, 0.3214

Inverse Universe

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



45.3436, 46.5183, 97.0314



41.0250, 41.1713, 100.3923



40.3699, 33.1780, 94.7186



16.8230, 17.7228, 21.9195



11.4460, 8.2477, 48.9622



1.1587, 0.9611, 4.5676

Previews

White Background



This preview shows how the XYZ color 67.1073, 67.8779, 35.1560 looks on a white background.

Color Contrast Check

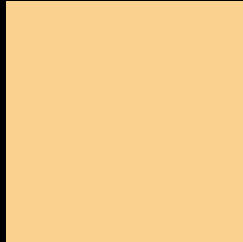
Large Text (above 18pt) WCAG AA × Fail

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 67.1073, 67.8779, 35.1560 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 67.1073, 67.8779, 35.1560

Background



This preview shows how black text looks on a background with the XYZ color 67.1073, 67.8779, 35.1560.



This preview shows how white text looks on a background with the XYZ color 67.1073, 67.8779,

35.1560.

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

67.1073, 67.8779, 35.1560

Protanopia

62.9388, 67.9381, 36.1817

Deuteranopia

68.8163, 67.6046, 38.2761



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

67.1073, 67.8779, 35.1560

Protanomaly

64.3488, 67.9224, 35.7054

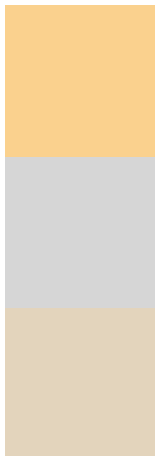
Deuteranomaly

68.0873, 67.6149, 37.0662

Tritanomaly

71.1780, 67.6992, 56.8927

Monochromacy



Original Color

67.1073, 67.8779, 35.1560

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2991, 67.0487, 57.1297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1073, 67.8779, 35.1560 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, 209, 142)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 142)  
}
```

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, 209, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 142) }
```

Border

The CSS property to change the border of an element to XYZ 67.1073, 67.8779, 35.1560 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, 209, 142) }
```


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

```
.border{ border-color:rgb(250, 209, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 142);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1073, 67.8779, 35.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 142) }
```

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

```
.background{ background-color: rgb(250,  
209, 142) }
```

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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