

Converting Colors

XYZ(90.3777, 80.0335, 47.8627)

Have a look what the booklet for
XYZ(90.3777, 80.0335, 47.8627)
contains.

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Color

**XYZ(71.3545, 70.1803,
46.8312)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A8
RGB	255, 210, 168
RGB Percent	100%, 82%, 66%
CMY	0.0000, 0.1764, 0.3412
CMYK	0.00, 0.18, 0.34, 0.00
HSL	29°, 100%, 83%
HSV	29°, 34%, 100%
XYZ	71.3545, 70.1803, 46.8312
YIQ	218.6670, 40.3020, -3.5220

Conversions

Conversions Part 2

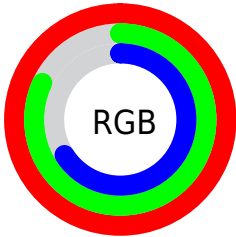
Format	Color
RYB	255, 249, 168
Decimal	16765608
CIELab	87.09, 10.09, 26.76
CIELCh	87, 28.604, 69.335
Yxy	70.1803, 0.3788, 0.3726
Android (android.graphics.Color)	4294955688 (0xFFFFD2A8)
YUV	218.6670, -24.9788, 31.8640
Hunter-Lab	83.7737, 5.4340, 25.4973

Details

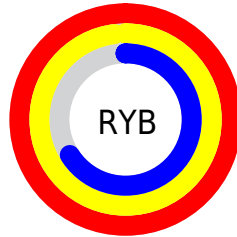
The XYZ color **71.3545, 70.1803, 46.8312** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.9920, 63.1313, 103.7368**, and the grayscale version is **67.2507, 70.7529, 77.0499**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **38.0668, 36.9082, 21.6407** is the 20% darker color. If you saturate the color by 10%, you get **66.0853, 63.0781, 34.4814**, and if you desaturate by 10%, it is **77.3614, 78.0120, 61.7266**.

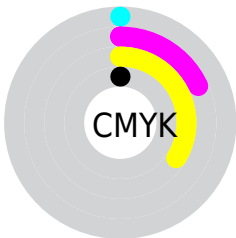
Distribution



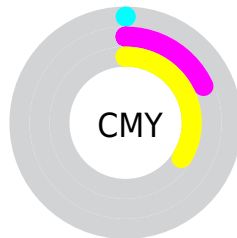
- Red (100%)
- Green (82%)
- Blue (66%)



- Red (100%)
- Yellow (98%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3545, 70.1803, 46.8312 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 71.3545, 70.1803, 46.8312 by changing the saturation by 10% instead.


 71.3545, 70.1803,
46.8312


 71.3545, 70.1803,
46.8312


454.4843,
461.1828, 390.5146

 52.9151, 51.6735,
32.5488


 120.1541,
119.4658, 86.8089

 37.9622, 36.7449,
21.5128


 151.2451,
151.0134, 113.3414

 26.1304, 25.0101,
13.3045


187.2840,
187.6767, 144.7943

 17.0544, 16.0845,
7.5053

228.6361,
229.8401, 181.5862

 10.3689, 9.5840,
3.6969

275.6668,
277.8880, 224.1357

 5.7083, 5.1240,
1.4606

328.7415,

 2.7075, 2.3202,

332.2049, 272.8612

0.1883

388.2256,
393.1750, 328.1813

■ 1.0010, 0.7844,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3545, 70.1803,
46.8312

■ 71.3545, 70.1803,
46.8312

■ 66.0853, 63.0781,
34.4814

■ 77.3614, 78.0120,
61.7266

■ 61.5148, 56.6719,
24.5268

■ 84.1321, 86.5860,
79.2977

■ 57.6078, 50.9395,
16.8075

■ 91.6978, 95.9268,
99.6708

■ 54.3234, 45.8533,
11.1420

95.0500, 100.0000,
108.9000

■ 51.6148, 41.3831,
7.3199

■ 49.4261, 37.4943,
5.0841

■ 48.3377, 35.4555,
4.2959

Harmonies

Analogous

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



77.1725, 70.1803, 55.3332



71.3545, 70.1803, 46.8312



64.6363, 70.1803, 45.4842

Triad

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



71.3545, 70.1803, 46.8312



54.7829, 70.1803, 82.5567



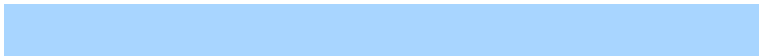
75.2076, 70.1803, 108.6497

Complementary

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



71.3545, 70.1803, 46.8312



57.9920, 63.1313, 103.7368

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.



68.8159, 70.1803, 118.9076



71.3545, 70.1803, 46.8312



57.2283, 70.1803, 102.2669

Square

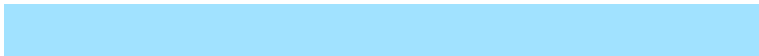
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3545, 70.1803, 46.8312



55.3621, 70.1803, 64.1200



62.2606, 70.1803, 116.3942



79.4985, 70.1803, 90.1878

Rectangle

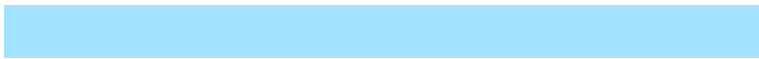
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3545, 70.1803, 46.8312



60.5899, 70.1803, 48.5527



62.2606, 70.1803, 116.3942



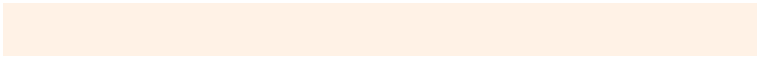
73.2168, 70.1803, 113.3012

Sweetspot

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



71.3562, 70.1835, 46.8326



87.1490, 90.3375, 87.3389



67.4319, 54.1415, 70.7834



18.4298, 19.0587, 18.0950



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.



71.3562, 70.1835, 46.8326



67.6514, 65.2166, 38.0670



83.1499, 93.7709, 50.7639



18.7331, 19.4345, 18.9082



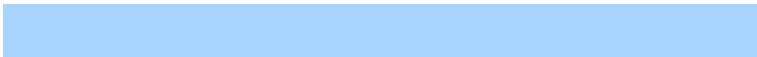
25.4054, 18.8220, 2.2940



2.5824, 2.0501, 0.2596

Inverse Universe

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



57.9920, 63.1313, 103.7368



52.4276, 57.1807, 102.8815



48.7432, 44.6338, 100.6539



17.7801, 18.9318, 22.9670



13.8849, 12.6794, 51.1501



1.4613, 1.4534, 5.0168

Previews

White Background



This preview shows how the XYZ color 71.3545, 70.1803, 46.8312 looks on a white background.

Color Contrast Check

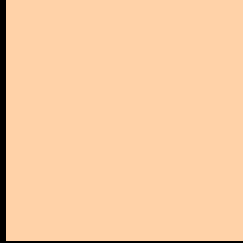
Large Text (above 18pt) WCAG AA × Fail

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 71.3545, 70.1803, 46.8312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

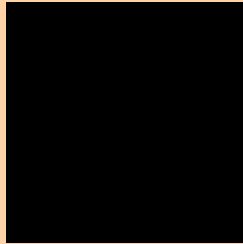
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3545, 70.1803, 46.8312

Background



This preview shows how black text looks on a background with the XYZ color 71.3545, 70.1803, 46.8312.



This preview shows how white text looks on a background with the XYZ color 71.3545, 70.1803,

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

71.3545, 70.1803, 46.8312

Protanopia

65.7965, 70.2772, 49.1267

Deuteranopia

71.5423, 70.2555, 47.8202



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

71.3545, 70.1803, 46.8312

Protanomaly

67.5863, 70.0664, 48.4901

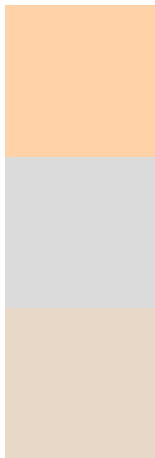
Deuteranomaly

71.4480, 70.2178, 47.3238

Tritanomaly

73.9782, 70.0558, 64.2666

Monochromacy



Original Color

71.3545, 70.1803, 46.8312

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.2599, 70.4377, 64.6417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3545, 70.1803, 46.8312 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(255, 210, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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(255, 210, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 168) }
```

Border

The CSS property to change the border of an element to XYZ 71.3545, 70.1803, 46.8312 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(255, 210, 168) }
```


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

```
.border{ border-color:rgb(255, 210, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3545, 70.1803, 46.8312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 168) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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