

Converting Colors

XYZ(89.0880, 81.0797, 47.5834)

Have a look what the booklet for
XYZ(89.0880, 81.0797, 47.5834)
contains.

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Color

**XYZ(72.5155, 72.6509,
46.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7A7
RGB	255, 215, 167
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1568, 0.3451
CMYK	0.00, 0.16, 0.35, 0.00
HSL	33°, 100%, 83%
HSV	33°, 35%, 100%
XYZ	72.5155, 72.6509, 46.7603
YIQ	221.4880, 39.2480, -6.4480

Conversions

Conversions Part 2

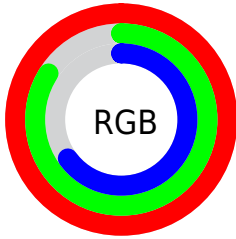
Format	Color
RYB	240, 255, 167
Decimal	16766887
CIELab	88.28, 7.39, 28.90
CIELCh	88, 29.832, 75.654
Yxy	72.6509, 0.3778, 0.3785
Android (android.graphics.Color)	4294956967 (0xFFFFD7A7)
YUV	221.4880, -26.8626, 29.3900
Hunter-Lab	85.2355, 2.6997, 27.1383

Details

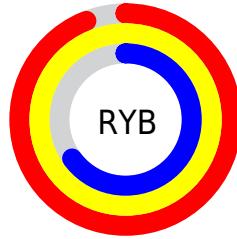
The XYZ color **72.5155, 72.6509, 46.7603** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.2985, 60.0592, 103.2331**, and the grayscale version is **69.2356, 72.8413, 79.3241**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **38.6913, 38.2497, 21.5633** is the 20% darker color. If you saturate the color by 10%, you get **67.5398, 66.1072, 34.5958**, and if you desaturate by 10%, it is **78.1688, 79.8054, 61.4453**.

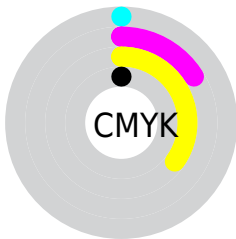
Distribution



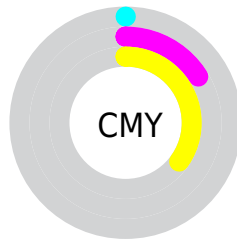
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (94%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5155, 72.6509, 46.7603 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 72.5155, 72.6509, 46.7603 by changing the saturation by 10% instead.

 72.5155, 72.6509,
46.7603


 72.5155, 72.6509,
46.7603


458.4637,
469.8040, 390.2230

 53.8669, 53.6906,
32.4932


 121.7960,
122.9815, 86.7019

 38.7255, 38.3543,
21.4706


 153.1586,
155.1205, 113.2136

 26.7260, 26.2578,
13.2738


189.4898,
192.4213, 144.6438

 17.5031, 17.0166,
7.4844

231.1551,
235.2681, 181.4112

 10.6913, 10.2463,
3.6839

278.5198,
284.0453, 223.9343

 5.9254, 5.5626,
1.4536

331.9492,

 2.8400, 2.5810,

339.1375, 272.6316

0.1830

391.8087,
400.9289, 327.9216

■ 1.0697, 0.9171,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.5155, 72.6509,
46.7603

■ 72.5155, 72.6509,
46.7603

■ 67.5398, 66.1072,
34.5958

■ 78.1688, 79.8054,
61.4453

■ 63.2044, 60.1447,
24.8015

■ 84.5236, 87.5789,
78.7806

■ 59.4764, 54.7457,
17.2175

■ 91.6091, 95.9925,
98.8921

■ 56.3170, 49.8873,
11.6623

95.0500, 100.0000,
108.9000

■ 53.6817, 45.5441,
7.9249

■ 51.5167, 41.6866,
5.7466

■ 50.4881, 39.7562,
5.0127

Harmonies

Analogous

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



79.1155, 72.6509, 54.1548



72.5155, 72.6509, 46.7603



65.4087, 72.6509, 46.9243

Triad

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



72.5155, 72.6509, 46.7603



56.6416, 72.6509, 90.2118



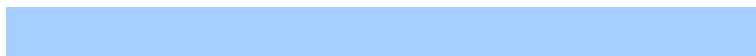
79.3588, 72.6509, 109.9432

Complementary

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



72.5155, 72.6509, 46.7603



56.2985, 60.0592, 103.2331

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.



72.8291, 72.6509, 123.3999



72.5155, 72.6509, 46.7603



59.8811, 72.6509, 110.7366

Square

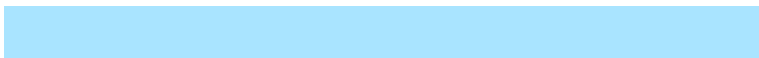
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5155, 72.6509, 46.7603



56.5705, 72.6509, 69.7436



65.7015, 72.6509, 123.7131



83.2474, 72.6509, 89.2675

Rectangle

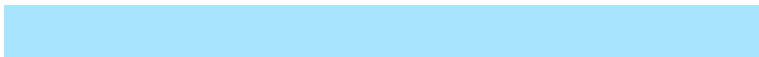
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5155, 72.6509, 46.7603



61.3445, 72.6509, 51.2294



65.7015, 72.6509, 123.7131



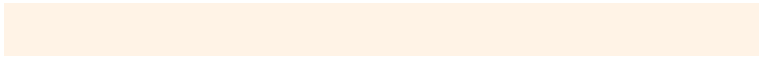
77.3806, 72.6509, 115.6067

Sweetspot

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



72.5173, 72.6543, 46.7618



87.6264, 91.2924, 87.4981



66.4526, 53.4556, 66.5337



18.5452, 19.2896, 18.1335



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.



72.5173, 72.6543, 46.7618



69.2116, 68.3370, 38.5870



82.9043, 95.0180, 50.5310



18.8306, 19.6294, 18.9407



26.5324, 21.0761, 2.6697



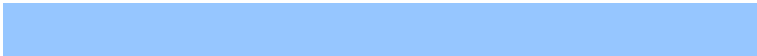
2.6926, 2.2706, 0.2964

Inverse Universe

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



56.2985, 60.0592, 103.2331



50.8970, 54.1195, 102.3713



48.4327, 43.3970, 100.4315



17.6830, 18.7376, 22.9347



12.8332, 10.5760, 50.7996



1.3570, 1.2447, 4.9820

Previews

White Background



This preview shows how the XYZ color 72.5155, 72.6509, 46.7603 looks on a white background.

Color Contrast Check

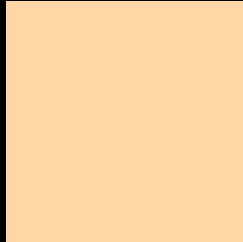
Large Text (above 18pt) WCAG AA × Fail

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 72.5155, 72.6509, 46.7603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

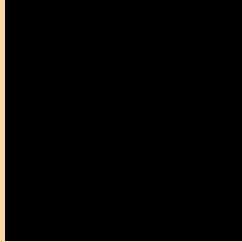
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5155, 72.6509, 46.7603

Background



This preview shows how black text looks on a background with the XYZ color 72.5155, 72.6509, 46.7603.



This preview shows how white text looks on a background with the XYZ color 72.5155, 72.6509, 46.7603.

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

72.5155, 72.6509, 46.7603

Protanopia

68.0372, 72.6197, 48.4613

Deuteranopia

73.3224, 72.5675, 52.2619



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

72.5155, 72.6509, 46.7603

Protanomaly

69.8012, 72.7607, 47.9014

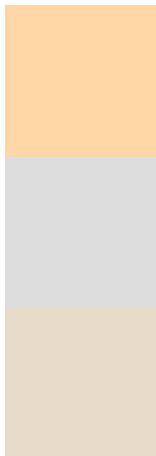
Deuteranomaly

72.9265, 72.4091, 50.1771

Tritanomaly

75.5630, 72.6588, 66.5419

Monochromacy



Original Color

72.5155, 72.6509, 46.7603

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4784, 72.2037, 65.5331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5155, 72.6509, 46.7603 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, 215, 167)` looks like.

```
.text, #text, p{  
  color:rgb(255, 215, 167)  
}
```

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, 215, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 167) }
```

Border

The CSS property to change the border of an element to XYZ 72.5155, 72.6509, 46.7603 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, 215, 167) }
```


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

```
.border{ border-color:rgb(255, 215, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5155, 72.6509, 46.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 167) }
```

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

```
.background{ background-color: rgb(255,  
215, 167) }
```

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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