

Converting Colors

XYZ(124.9958, 100.0000,
49.3047)

Have a look what the booklet for
XYZ(124.9958, 100.0000, 49.3047)
contains.

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Color

**XYZ(72.7709, 73.1618,
46.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8A7
RGB	255, 216, 167
RGB Percent	100%, 85%, 65%
CMY	0.0000, 0.1529, 0.3451
CMYK	0.00, 0.15, 0.35, 0.00
HSL	33°, 100%, 83%
HSV	33°, 35%, 100%
XYZ	72.7709, 73.1618, 46.8454
YIQ	222.0750, 38.9730, -6.9710

Conversions

Conversions Part 2

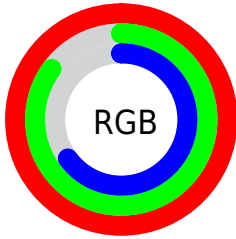
Format	Color
RYB	237, 255, 167
Decimal	16767143
CIELab	88.52, 6.88, 29.23
CIELCh	89, 30.029, 76.762
Yxy	73.1618, 0.3775, 0.3795
Android (android.graphics.Color)	4294957223 (0xFFFFD8A7)
YUV	222.0750, -27.1520, 28.8752
Hunter-Lab	85.5347, 2.1780, 27.4025

Details

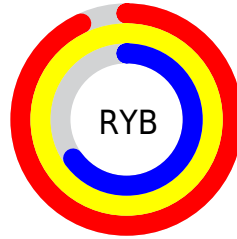
The XYZ color **72.7709, 73.1618, 46.8454** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0569, 59.5760, 103.1525**, and the grayscale version is **69.6522, 73.2796, 79.8015**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **38.8653, 38.5979, 21.6214** is the 20% darker color. If you saturate the color by 10%, you get **67.8465, 66.7207, 34.6980**, and if you desaturate by 10%, it is **78.3630, 80.1938, 61.5100**.

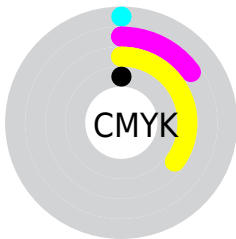
Distribution



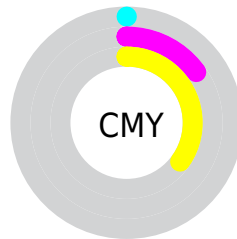
- Red (100%)
- Green (85%)
- Blue (65%)



- Red (93%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7709, 73.1618, 46.8454 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 72.7709, 73.1618, 46.8454 by changing the saturation by 10% instead.


 72.7709, 73.1618,
46.8454


 72.7709, 73.1618,
46.8454

459.3365,
471.5754, 390.5730

 54.0764, 54.1083,
32.5600


 122.1568,
123.7069, 86.8304

 38.8936, 38.6882,
21.5212


 153.5789,
155.9672, 113.3670

 26.8573, 26.5173,
13.3106


189.9742,
193.3986, 144.8245

 17.6021, 17.2110,
7.5095

231.7081,
236.3855, 181.6213

 10.7627, 10.3851,
3.6995

279.1459,
285.3122, 224.1760

 5.9736, 5.6550,
1.4620

332.6530,

 2.8695, 2.6365,

340.5632, 272.9072

0.1894

392.5947,
402.5228, 328.2333

■ 1.0852, 0.9450,
0.0000

■ 0.0126, 0.0000,
0.0000

■ 72.7709, 73.1618,
46.8454

■ 72.7709, 73.1618,
46.8454

■ 67.8465, 66.7207,
34.6980

■ 78.3630, 80.1938,
61.5100

■ 63.5527, 60.8414,
24.9176

■ 84.6462, 87.8243,
78.8214

■ 59.8570, 55.5070,
17.3444

■ 91.6496, 96.0736,
98.9055

■ 56.7210, 50.6953,
11.7970

■ 95.0500, 100.0000,
108.9000

■ 54.1005, 46.3816,
8.0645

■ 51.9421, 42.5374,
5.8884

■ 50.9138, 40.6076,
5.1546

Harmonies

Analogous

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



79.5044, 73.1618, 54.0297



72.7709, 73.1618, 46.8454



65.6047, 73.1618, 47.2918

Triad

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



72.7709, 73.1618, 46.8454



57.0562, 73.1618, 91.7059



80.1674, 73.1618, 110.1712

Complementary

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



72.7709, 73.1618, 46.8454



56.0569, 59.5760, 103.1525

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.



73.6257, 73.1618, 124.1964



72.7709, 73.1618, 46.8454



60.4416, 73.1618, 112.3350

Square

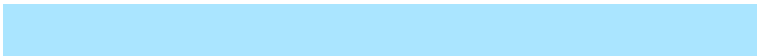
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7709, 73.1618, 46.8454



56.8624, 73.1618, 70.8856



66.4025, 73.1618, 125.0507



83.9700, 73.1618, 89.1317

Rectangle

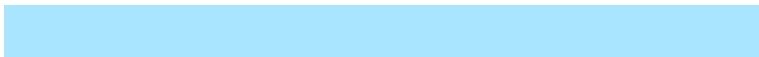
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7709, 73.1618, 46.8454



61.5440, 73.1618, 51.8283



66.4025, 73.1618, 125.0507



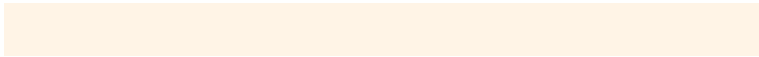
78.1961, 73.1618, 116.0102

Sweetspot

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



72.7728, 73.1652, 46.8469



87.7134, 91.4664, 87.5271



66.2728, 53.3836, 65.5872



18.5663, 19.3317, 18.1405



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.



72.7728, 73.1652, 46.8469



69.5015, 68.9168, 38.6837



82.3749, 94.7451, 50.5061



18.8484, 19.6649, 18.9466



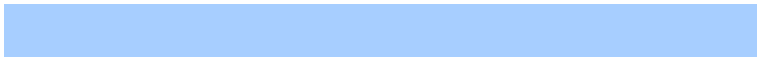
26.7549, 21.5211, 2.7438



2.7140, 2.3134, 0.3035

Inverse Universe

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



56.0569, 59.5760, 103.1525



50.6265, 53.5785, 102.2811



48.7513, 43.5612, 100.4464



17.6655, 18.7026, 22.9288



12.6600, 10.2297, 50.7419



1.3395, 1.2097, 4.9762

Previews

White Background



This preview shows how the XYZ color 72.7709, 73.1618, 46.8454 looks on a white background.

Color Contrast Check

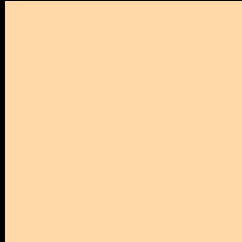
Large Text (above 18pt) WCAG AA × Fail

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 72.7709, 73.1618, 46.8454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

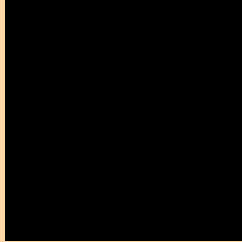
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7709, 73.1618, 46.8454

Background



This preview shows how black text looks on a background with the XYZ color 72.7709, 73.1618, 46.8454.



This preview shows how white text looks on a background with the XYZ color 72.7709, 73.1618,

46.8454.

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

72.7709, 73.1618, 46.8454

Protanopia

68.6369, 73.3220, 48.5652

Deuteranopia

73.7787, 73.1562, 53.4120



Tritanopia

77.9888, 73.2303, 80.5454

Trichromacy



Original Color

72.7709, 73.1618, 46.8454

Protanomaly

70.0629, 73.2841, 47.9886

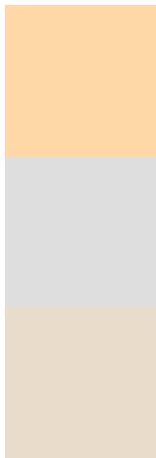
Deuteranomaly

73.2783, 72.9560, 50.7772

Tritanomaly

75.8137, 73.1603, 66.6254

Monochromacy



Original Color

72.7709, 73.1618, 46.8454

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1856, 72.9431, 66.2574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7709, 73.1618, 46.8454 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, 216, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 167) }
```

Border

The CSS property to change the border of an element to XYZ 72.7709, 73.1618, 46.8454 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, 216, 167) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7709, 73.1618, 46.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 167) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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