

Converting Colors

XYZ(127.9435, 101.2600,
52.7192)

Have a look what the booklet for
XYZ(127.9435, 101.2600, 52.7192)
contains.

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Color

**XYZ(73.1804, 72.9169,
50.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7AE
RGB	255, 215, 174
RGB Percent	100%, 84%, 68%
CMY	0.0000, 0.1568, 0.3176
CMYK	0.00, 0.16, 0.32, 0.00
HSL	30°, 100%, 84%
HSV	30°, 32%, 100%
XYZ	73.1804, 72.9169, 50.2617
YIQ	222.2860, 37.0010, -4.2710

Conversions

Conversions Part 2

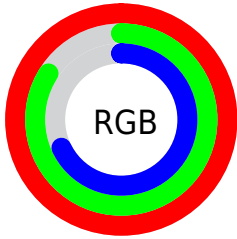
Format	Color
R _Y B	253, 255, 174
Decimal	16766894
CIE Lab	88.41, 8.24, 25.44
CIE LCh	88, 26.745, 72.064
Yxy	72.9169, 0.3727, 0.3713
Android (android.graphics.Color)	4294956974 (0xFFFFD7AE)
YUV	222.2860, -23.8050, 28.6902
Hunter-Lab	85.3914, 3.5395, 24.8757

Details

The XYZ color **73.1804, 72.9169, 50.2617** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.5513, 64.3096, 103.8820**, and the grayscale version is **69.7796, 73.4136, 79.9474**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **39.0480, 38.3924, 23.4416** is the 20% darker color. If you saturate the color by 10%, you get **67.8433, 65.8505, 37.3603**, and if you desaturate by 10%, it is **79.2399, 80.6724, 65.7337**.

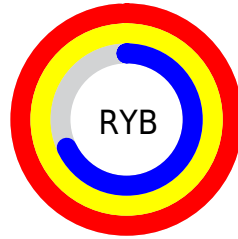
Distribution



Red (100%)

Green (84%)

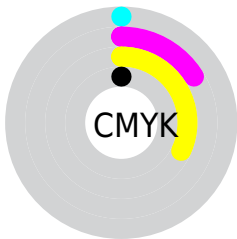
Blue (68%)



Red (99%)

Yellow (100%)

Blue (68%)

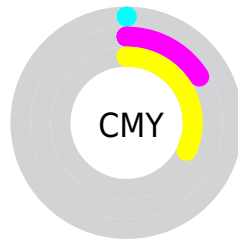


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1804, 72.9169, 50.2617 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 73.1804, 72.9169, 50.2617 by changing the saturation by 10% instead.


 73.1804, 72.9169,
50.2617

 73.1804, 72.9169,
50.2617


460.7339,
470.7267, 404.4528

 54.4124, 53.9080,
35.2487


 122.7350,
123.3592, 91.9628

 39.1634, 38.5281,
23.5695


154.2524,
155.5615, 119.4880

 27.0682, 26.3928,
14.8053


190.7502,
192.9303, 152.0211

 17.7613, 17.1178,
8.5378

232.5938,
235.8501, 189.9805

 10.8774, 10.3185,
4.3483

280.1487,
284.7052, 233.7849

 6.0511, 5.6106,
1.8183

333.7801,

 2.9172, 2.6098,

339.8801, 283.8527

0.4400

393.8534,
401.7592, 340.6025

■ 1.1101, 0.9316,
0.0000

■ 0.0335, 0.0000,
0.0000

■ 73.1804, 72.9169,
50.2617

■ 73.1804, 72.9169,
50.2617

■ 67.8433, 65.8505,
37.3603

■ 79.2399, 80.6724,
65.7337

■ 63.1908, 59.4412,
26.8823

■ 86.0464, 89.1274,
83.9036

■ 59.1896, 53.6693,
18.6719

■ 93.6297, 98.3047,
104.8954

■ 55.8006, 48.5097,
12.5535

■ 95.0500, 100.0000,
108.9000

■ 52.9798, 43.9347,
8.3248

■ 50.6750, 39.9134,
5.7427

■ 49.1024, 36.9847,
4.5508

Harmonies

Analogous

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



78.8890, 72.9169, 57.9678



73.1804, 72.9169, 50.2617



66.7547, 72.9169, 49.5732

Triad

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



73.1804, 72.9169, 50.2617



57.9108, 72.9169, 87.0223



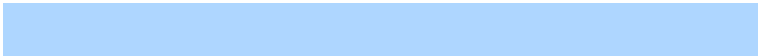
77.9174, 72.9169, 108.6691

Complementary

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



73.1804, 72.9169, 50.2617



59.5513, 64.3096, 103.8820

Split Complementary

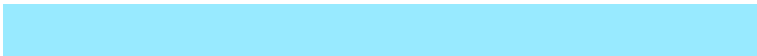
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9201, 72.9169, 119.2704



73.1804, 72.9169, 50.2617



60.5311, 72.9169, 105.5401

Square

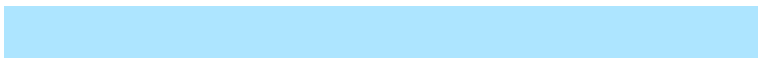
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1804, 72.9169, 50.2617



58.2019, 72.9169, 68.9878



65.5695, 72.9169, 118.0442



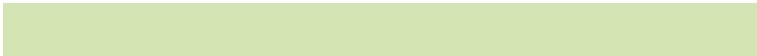
81.7381, 72.9169, 90.7976

Rectangle

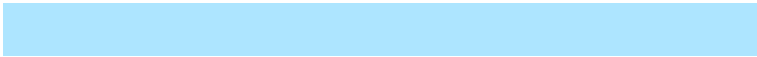
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1804, 72.9169, 50.2617



62.9506, 72.9169, 53.0228



65.5695, 72.9169, 118.0442



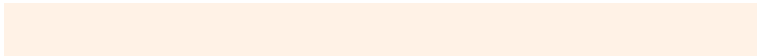
76.0739, 72.9169, 113.3168

Sweetspot

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



73.1823, 72.9203, 50.2632



87.3269, 90.6932, 87.3982



68.5781, 56.4135, 71.2287



18.4728, 19.1447, 18.1094



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.



73.1823, 72.9203, 50.2632



69.7705, 68.4328, 41.9245



84.6402, 95.8361, 54.0825



18.7695, 19.5071, 18.9203



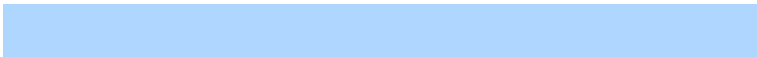
25.8068, 19.6248, 2.4278



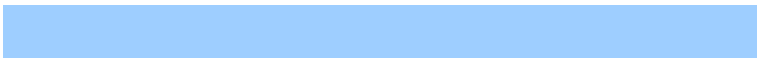
2.6220, 2.1294, 0.2728

Inverse Universe

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



59.5513, 64.3096, 103.8820



54.2283, 58.6154, 103.0635



50.6423, 46.4917, 100.9124



17.7437, 18.8591, 22.9549



13.4727, 11.8549, 51.0127



1.4209, 1.3724, 5.0033

Previews

White Background



This preview shows how the XYZ color 73.1804, 72.9169, 50.2617 looks on a white background.

Color Contrast Check

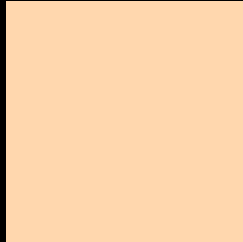
Large Text (above 18pt) WCAG AA × Fail

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 73.1804, 72.9169, 50.2617 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 73.1804, 72.9169, 50.2617

Background



This preview shows how black text looks on a background with the XYZ color 73.1804, 72.9169, 50.2617.



This preview shows how white text looks on a background with the XYZ color 73.1804, 72.9169,

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

73.1804, 72.9169, 50.2617

Protanopia

68.6492, 73.2497, 52.1154

Deuteranopia

73.7301, 72.7305, 54.4084



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

73.1804, 72.9169, 50.2617

Protanomaly

70.1301, 72.8523, 51.4399

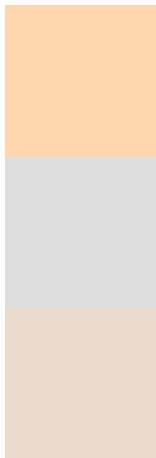
Deuteranomaly

73.4233, 72.6078, 52.7927

Tritanomaly

75.9241, 72.8032, 68.4433

Monochromacy



Original Color

73.1804, 72.9169, 50.2617

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2826, 72.5632, 68.0594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1804, 72.9169, 50.2617 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 174) }
```

Border

The CSS property to change the border of an element to XYZ 73.1804, 72.9169, 50.2617 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, 174) }
```


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

```
.border{ border-color:rgb(255, 215, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1804, 72.9169, 50.2617 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, 174) }
```

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

```
.background{ background-color: rgb(255,  
215, 174) }
```

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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