

Converting Colors

XYZ(88.4117, 82.1086, 50.4451)

Have a look what the booklet for
XYZ(88.4117, 82.1086, 50.4451)
contains.

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Color

**XYZ(73.7578, 74.3814,
49.4993)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAAC
RGB	255, 218, 172
RGB Percent	100%, 85%, 67%
CMY	0.0000, 0.1451, 0.3255
CMYK	0.00, 0.15, 0.33, 0.00
HSL	33°, 100%, 84%
HSV	33°, 33%, 100%
XYZ	73.7578, 74.3814, 49.4993
YIQ	223.8190, 36.8180, -6.4620

Conversions

Conversions Part 2

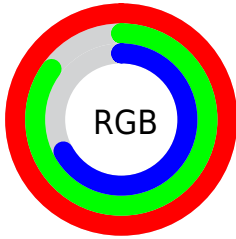
Format	Color
R _Y B	239, 255, 172
Decimal	16767660
CIE Lab	89.10, 6.45, 27.43
CIE LCh	89, 28.175, 76.776
Yxy	74.3814, 0.3732, 0.3764
Android (android.graphics.Color)	4294957740 (0xFFFFDAAC)
YUV	223.8190, -25.5468, 27.3457
Hunter-Lab	86.2447, 1.7279, 26.3423

Details

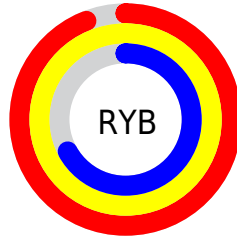
The XYZ color **73.7578, 74.3814, 49.4993** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.8630, 61.5895, 103.4460**, and the grayscale version is **70.8821, 74.5735, 81.2106**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **39.4529, 39.3966, 22.9777** is the 20% darker color. If you saturate the color by 10%, you get **68.6933, 67.8028, 36.8660**, and if you desaturate by 10%, it is **79.4981, 81.5591, 64.6778**.

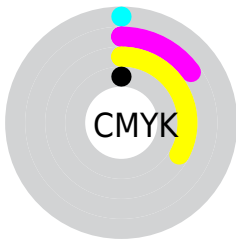
Distribution



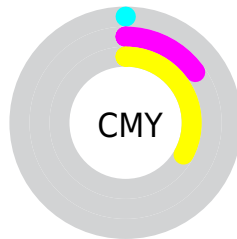
- Red (100%)
- Green (85%)
- Blue (67%)



- Red (94%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7578, 74.3814, 49.4993 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 73.7578, 74.3814, 49.4993 by changing the saturation by 10% instead.


 73.7578, 74.3814,
49.4993

 73.7578, 74.3814,
49.4993


462.7003,
475.7887, 401.3835

 54.8864, 55.1063,
34.6473


 123.5498,
125.4363, 90.8212

 39.5443, 39.4868,
23.1100


155.2010,
157.9849, 118.1283

 27.3660, 27.1386,
14.4687


191.8430,
195.7267, 150.4241

 17.9863, 17.6774,
8.3049

233.8410,
239.0462, 188.1272

 11.0398, 10.7186,
4.2001

281.5603,
288.3278, 231.6561

 6.1611, 5.8780,
1.7357

335.3664,

 2.9849, 2.7710,

343.9558, 281.4295

0.3851

395.6246,
406.3146, 337.8657

■ 1.1458, 1.0134,
0.0000

■ 0.0629, 0.0000,
0.0000

■ 73.7578, 74.3814,
49.4993

■ 73.7578, 74.3814,
49.4993

■ 68.6933, 67.8028,
36.8660

■ 79.4981, 81.5591,
64.6778

■ 64.2681, 61.7941,
26.6299

■ 85.9373, 89.3434,
82.5290

■ 60.4501, 56.3387,
18.6349

■ 93.1042, 97.7545,
103.1771

■ 57.2018, 51.4146,
12.7038

95.0500, 100.0000,
108.9000

■ 54.4801, 46.9976,
8.6327

■ 52.2340, 43.0598,
6.1745

■ 50.8155, 40.4110,
5.1218

Harmonies

Analogous

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



80.1210, 74.3814, 56.4626



73.7578, 74.3814, 49.4993



66.9580, 74.3814, 49.9371

Triad

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



73.7578, 74.3814, 49.4993



58.8053, 74.3814, 92.3889



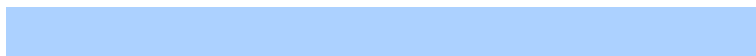
80.7511, 74.3814, 109.7124

Complementary

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



73.7578, 74.3814, 49.4993



57.8630, 61.5895, 103.4460

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.



74.5732, 74.3814, 122.8086



73.7578, 74.3814, 49.4993



62.0431, 74.3814, 111.7522

Square

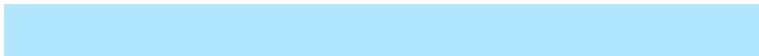
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7578, 74.3814, 49.4993



58.6184, 74.3814, 72.6509



67.7226, 74.3814, 123.6103



84.3311, 74.3814, 89.9412

Rectangle

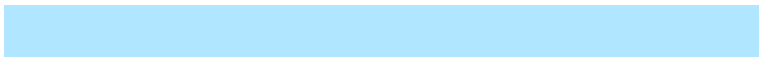
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7578, 74.3814, 49.4993



63.0907, 74.3814, 54.3424



67.7226, 74.3814, 123.6103



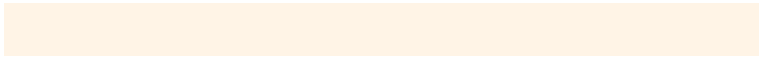
78.8920, 74.3814, 115.1715

Sweetspot

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



73.7597, 74.3848, 49.5008



87.6935, 91.4266, 87.5205



67.5450, 55.3866, 67.6804



18.5615, 19.3221, 18.1389



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.



73.7597, 74.3848, 49.5008



70.4160, 70.0716, 41.0669



82.9363, 94.9800, 52.9924



18.8443, 19.6568, 18.9453



26.7036, 21.4183, 2.7267



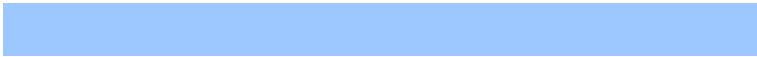
2.7091, 2.3035, 0.3018

Inverse Universe

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



57.8630, 61.5895, 103.4460



52.2990, 55.4944, 102.5628



50.7417, 45.9736, 100.8072



17.6695, 18.7106, 22.9302



12.6992, 10.3079, 50.7549



1.3435, 1.2176, 4.9775

Previews

White Background



This preview shows how the XYZ color 73.7578, 74.3814, 49.4993 looks on a white background.

Color Contrast Check

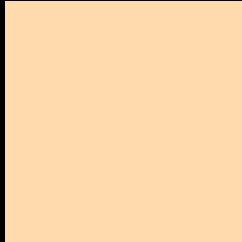
Large Text (above 18pt) WCAG AA × Fail

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 73.7578, 74.3814, 49.4993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

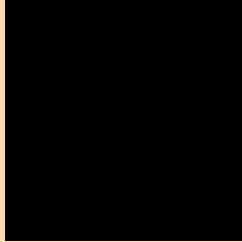
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7578, 74.3814, 49.4993

Background



This preview shows how black text looks on a background with the XYZ color 73.7578, 74.3814, 49.4993.



This preview shows how white text looks on a background with the XYZ color 73.7578, 74.3814,

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

73.7578, 74.3814, 49.4993

Protanopia

69.9901, 74.7572, 51.2981

Deuteranopia

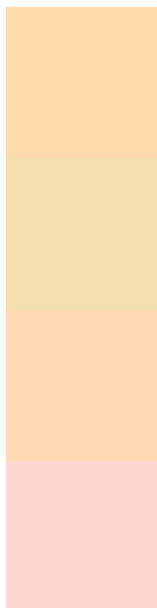
74.8098, 74.3885, 56.3145



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

73.7578, 74.3814, 49.4993

Protanomaly

71.4174, 74.7110, 50.7010

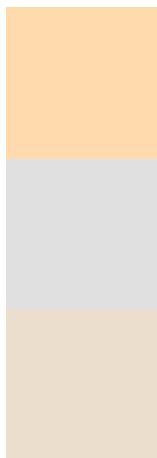
Deuteranomaly

74.2911, 74.1810, 53.5828

Tritanomaly

76.6810, 74.3171, 68.6956

Monochromacy



Original Color

73.7578, 74.3814, 49.4993

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.4017, 74.3125, 68.3381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7578, 74.3814, 49.4993 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, 218, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 172)  
}
```

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, 218, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 172) }
```

Border

The CSS property to change the border of an element to XYZ 73.7578, 74.3814, 49.4993 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, 218, 172) }
```


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

```
.border{ border-color:rgb(255, 218, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7578, 74.3814, 49.4993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 172) }
```

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

```
.background{ background-color: rgb(255,  
218, 172) }
```

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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