

Converting Colors

XYZ(173.8188, 125.5996,
53.1865)

Have a look what the booklet for
XYZ(173.8188, 125.5996, 53.1865)
contains.

XYZ(73.3086, 73.7880, 48.4089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.3086, 73.7880,
48.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9AA
RGB	255, 217, 170
RGB Percent	100%, 85%, 67%
CMY	0.0000, 0.1490, 0.3333
CMYK	0.00, 0.15, 0.33, 0.00
HSL	33°, 100%, 83%
HSV	33°, 33%, 100%
XYZ	73.3086, 73.7880, 48.4089
YIQ	223.0040, 37.7350, -6.5610

Conversions

Conversions Part 2

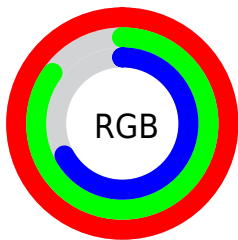
Format	Color
R _Y B	239, 255, 170
Decimal	16767402
CIE Lab	88.82, 6.72, 28.08
CIE LCh	89, 28.875, 76.545
Yxy	73.7880, 0.3750, 0.3774
Android (android.graphics.Color)	4294957482 (0xFFFFD9AA)
YUV	223.0040, -26.1310, 28.0605
Hunter-Lab	85.8999, 2.0103, 26.7171

Details

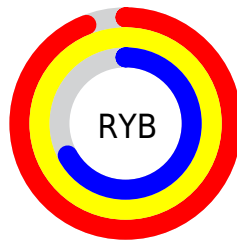
The XYZ color **73.3086, 73.7880, 48.4089** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1827, 60.8758, 103.3441**, and the grayscale version is **70.3047, 73.9660, 80.5490**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **39.1572, 38.9953, 22.2927** is the 20% darker color. If you saturate the color by 10%, you get **68.2896, 67.2431, 35.9671**, and if you desaturate by 10%, it is **79.0021, 80.9326, 63.3855**.

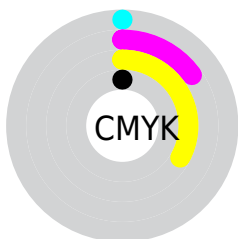
Distribution



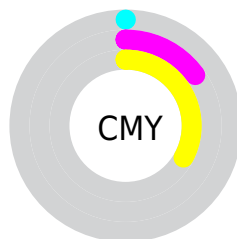
- Red (100%)
- Green (85%)
- Blue (67%)



- 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 73.3086, 73.7880, 48.4089 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 73.3086, 73.7880, 48.4089 by changing the saturation by 10% instead.


 73.3086, 73.7880,
48.4089

 73.3086, 73.7880,
48.4089


461.1709,
473.7414, 396.9660

 54.5176, 54.6205,
33.7885


 122.9160,
124.5952, 89.1848

 39.2480, 39.0980,
22.4551


154.4631,
157.0038, 116.1774

 27.1343, 26.8360,
13.9902


190.9929,
194.5949, 148.1311

 17.8112, 17.4501,
7.9752

232.8709,
237.7528, 185.4645

 10.9134, 10.5559,
3.9915

280.4623,
286.8620, 228.5962

 6.0755, 5.7691,
1.6207

334.1326,

 2.9321, 2.7052,

342.3069, 277.9446

0.3055

394.2470,
404.4719, 333.9284

■ 1.1180, 0.9798,
0.0000

■ 0.0401, 0.0000,
0.0000

■ 73.3086, 73.7880,
48.4089

■ 73.3086, 73.7880,
48.4089

■ 68.2896, 67.2431,
35.9671

■ 79.0021, 80.9326,
63.3855

■ 63.9084, 61.2690,
25.9111

■ 85.3935, 88.6848,
81.0251

■ 60.1327, 55.8485,
18.0833

■ 92.5118, 97.0649,
101.4527

■ 56.9245, 50.9595,
12.3051

95.0500, 100.0000,
108.9000

■ 54.2403, 46.5775,
8.3695

■ 52.0281, 42.6742,
6.0252

■ 50.7673, 40.3147,
5.1058

Harmonies

Analogous

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



79.7937, 73.7880, 55.5053



73.3086, 73.7880, 48.4089



66.3735, 73.7880, 48.7934

Triad

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



73.3086, 73.7880, 48.4089



58.0174, 73.7880, 91.8153



80.3539, 73.7880, 109.8449

Complementary

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



73.3086, 73.7880, 48.4089



57.1827, 60.8758, 103.3441

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.



74.0325, 73.7880, 123.1987



73.3086, 73.7880, 48.4089



61.2859, 73.7880, 111.6641

Square

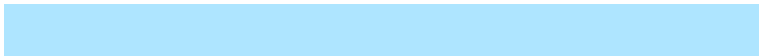
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3086, 73.7880, 48.4089



57.8522, 73.7880, 71.7116



67.0510, 73.7880, 123.9150



84.0399, 73.7880, 89.6398

Rectangle

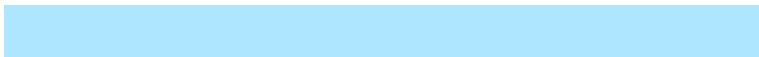
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3086, 73.7880, 48.4089



62.4275, 73.7880, 53.2065



67.0510, 73.7880, 123.9150



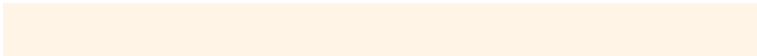
78.4484, 73.7880, 115.4206

Sweetspot

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



73.3104, 73.7914, 48.4104



87.6837, 91.4070, 87.5172



67.0312, 54.5766, 66.8380



18.5591, 19.3173, 18.1381



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.



73.3104, 73.7914, 48.4104



69.8901, 69.3607, 39.8413



82.7096, 94.8852, 51.9865



18.8423, 19.6528, 18.9446



26.6784, 21.3680, 2.7183



2.7067, 2.2987, 0.3010

Inverse Universe

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



57.1827, 60.8758, 103.3441



51.5168, 54.6522, 102.4415



49.9368, 44.9978, 100.6612



17.6715, 18.7145, 22.9308



12.7185, 10.3466, 50.7613



1.3454, 1.2215, 4.9781

Previews

White Background



This preview shows how the XYZ color 73.3086, 73.7880, 48.4089 looks on a white background.

Color Contrast Check

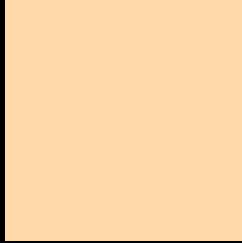
Large Text (above 18pt) WCAG AA × Fail

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 73.3086, 73.7880, 48.4089 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 73.3086, 73.7880, 48.4089

Background



This preview shows how black text looks on a background with the XYZ color 73.3086, 73.7880, 48.4089.



This preview shows how white text looks on a background with the XYZ color 73.3086, 73.7880,

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

73.3086, 73.7880, 48.4089

Protanopia

69.1904, 73.9696, 50.1660

Deuteranopia

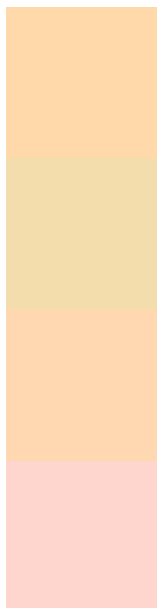
74.3431, 73.7906, 55.1245



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

73.3086, 73.7880, 48.4089

Protanomaly

70.6111, 73.9246, 49.5770

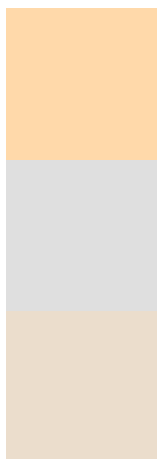
Deuteranomaly

73.8317, 73.5861, 52.4317

Tritanomaly

76.3060, 73.7609, 67.9731

Monochromacy



Original Color

73.3086, 73.7880, 48.4089

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0165, 73.7347, 67.6160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3086, 73.7880, 48.4089 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, 217, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 170)  
}
```

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, 217, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 170) }
```

Border

The CSS property to change the border of an element to XYZ 73.3086, 73.7880, 48.4089 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, 217, 170) }
```


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

```
.border{ border-color:rgb(255, 217, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3086, 73.7880, 48.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 170) }
```

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

```
.background{ background-color: rgb(255,  
217, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor