

Converting Colors

XYZ(73.1876, 75.3139, 42.9185)

Have a look what the booklet for
XYZ(73.1876, 75.3139, 42.9185)
contains.

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Color

**XYZ(73.2680, 75.4415,
43.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD9E
RGB	255, 221, 158
RGB Percent	100%, 87%, 62%
CMY	0.0000, 0.1333, 0.3804
CMYK	0.00, 0.13, 0.38, 0.00
HSL	39°, 100%, 81%
HSV	39°, 38%, 100%
XYZ	73.2680, 75.4415, 43.0478
YIQ	223.9840, 40.4870, -12.3850

Conversions

Conversions Part 2

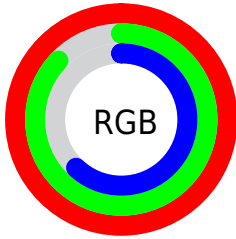
Format	Color
R _Y B	210, 255, 158
Decimal	16768414
CIE Lab	89.60, 3.28, 35.28
CIE LCh	90, 35.431, 84.682
Yxy	75.4415, 0.3821, 0.3934
Android (android.graphics.Color)	4294958494 (0xFFFFDD9E)
YUV	223.9840, -32.5301, 27.2010
Hunter-Lab	86.8571, -1.4268, 31.4148

Details

The XYZ color **73.2680, 75.4415, 43.0478** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9997, 52.1867, 101.9928**, and the grayscale version is **71.0466, 74.7466, 81.3990**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **39.2637, 40.1834, 19.3224** is the 20% darker color. If you saturate the color by 10%, you get **69.0002, 70.0616, 31.8969**, and if you desaturate by 10%, it is **78.1206, 81.2618, 56.6420**.

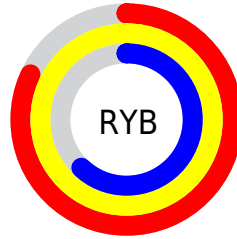
Distribution



Red (100%)

Green (87%)

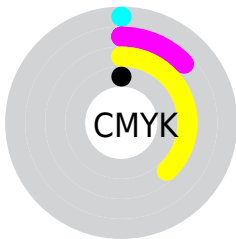
Blue (62%)



Red (82%)

Yellow (100%)

Blue (62%)

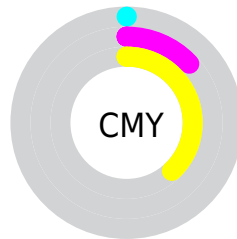


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2680, 75.4415, 43.0478 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 73.2680, 75.4415, 43.0478 by changing the saturation by 10% instead.


 73.2680, 75.4415,
43.0478


 73.2680, 75.4415,
43.0478


461.0326,
479.4337, 374.7353

 54.4843, 55.9747,
29.5909


 122.8587,
126.9371, 81.0701

 39.2212, 40.1826,
19.2789


 154.3964,
159.7347, 106.4727

 27.1133, 27.6809,
11.6931


190.9161,
197.7446, 136.6942

 17.7954, 18.0853,
6.4151

232.7832,
241.3514, 172.1532

 10.9020, 11.0112,
3.0262

280.3630,
290.9392, 213.2683

 6.0678, 6.0744,
1.1081

334.0209,

 2.9274, 2.8904,

346.8926, 260.4580

0.0000

394.1223,
409.5960, 314.1408

■ 1.1155, 1.0748,
0.0000

■ 0.0380, 0.0000,
0.0000

■ 73.2680, 75.4415,
43.0478

■ 73.2680, 75.4415,
43.0478

■ 69.0002, 70.0616,
31.8969

■ 78.1206, 81.2618,
56.6420

■ 65.2813, 65.0964,
23.0347

■ 83.5802, 87.5262,
72.8121

■ 62.0797, 60.5328,
16.2957

■ 89.6745, 94.2514,
91.6867

■ 59.3572, 56.3523,
11.4903

95.0500, 100.0000,
108.9000

■ 57.0696, 52.5339,
8.3944

■ 55.1570, 49.0503,
6.7042

■ 54.8097, 48.3994,
6.4532

Harmonies

Analogous

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



81.8275, 75.4415, 48.8972



73.2680, 75.4415, 43.0478



64.9372, 75.4415, 45.8190

Triad

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



73.2680, 75.4415, 43.0478



57.5406, 75.4415, 103.8404



86.2543, 75.4415, 113.1030

Complementary

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



73.2680, 75.4415, 43.0478



50.9997, 52.1867, 101.9928

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.



78.9271, 75.4415, 133.8772



73.2680, 75.4415, 43.0478



62.4535, 75.4415, 127.8158

Square

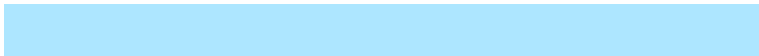
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2680, 75.4415, 43.0478



56.2909, 75.4415, 77.7781



70.1642, 75.4415, 139.7429



89.7034, 75.4415, 86.6681

Rectangle

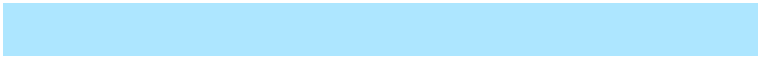
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2680, 75.4415, 43.0478



60.5630, 75.4415, 52.5456



70.1642, 75.4415, 139.7429



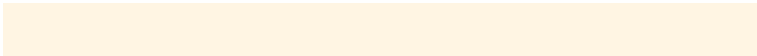
84.1358, 75.4415, 121.1764

Sweetspot

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



73.2699, 75.4450, 43.0493



87.8020, 92.2108, 85.8077



63.1564, 49.5901, 57.0281



18.6138, 19.5399, 17.8078



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.



73.2699, 75.4450, 43.0493



69.8249, 71.1245, 33.9793



78.5727, 92.8778, 46.1347



18.9941, 19.9564, 18.9952



28.7847, 25.5806, 3.4204



2.9053, 2.6959, 0.3672

Inverse Universe

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



50.9997, 52.1867, 101.9928



44.5634, 44.7612, 100.8988



47.0577, 40.3251, 99.9110



17.5237, 18.4190, 22.8816



11.4401, 7.7899, 50.3352



1.2118, 0.9543, 4.9336

Previews

White Background



This preview shows how the XYZ color 73.2680, 75.4415, 43.0478 looks on a white background.

Color Contrast Check

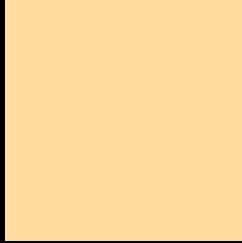
Large Text (above 18pt) WCAG AA × Fail

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 73.2680, 75.4415, 43.0478 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 73.2680, 75.4415, 43.0478

Background



This preview shows how black text looks on a background with the XYZ color 73.2680, 75.4415, 43.0478.



This preview shows how white text looks on a background with the XYZ color 73.2680, 75.4415,

43.0478.

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

73.2680, 75.4415, 43.0478

Protanopia

70.2325, 75.4432, 44.1180

Deuteranopia

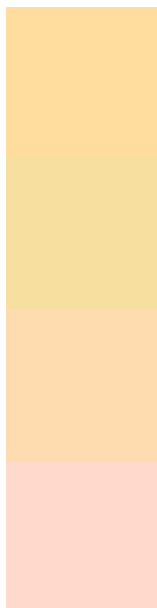
75.2232, 75.3837, 55.9332



Tritanopia

79.5440, 75.4623, 83.7720

Trichromacy



Original Color

73.2680, 75.4415, 43.0478

Protanomaly

71.2714, 75.5887, 43.6346

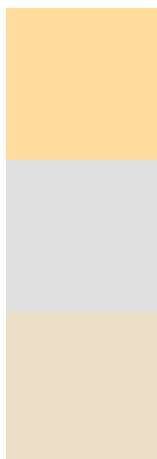
Deuteranomaly

74.5711, 75.5415, 51.2081

Tritanomaly

76.8323, 75.1975, 66.9650

Monochromacy



Original Color

73.2680, 75.4415, 43.0478

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0740, 74.6077, 65.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2680, 75.4415, 43.0478 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, 221, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 158)  
}
```

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, 221, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 158) }
```

Border

The CSS property to change the border of an element to XYZ 73.2680, 75.4415, 43.0478 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, 221, 158) }
```


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

```
.border{ border-color:rgb(255, 221, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2680, 75.4415, 43.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 158) }
```

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

```
.background{ background-color: rgb(255,  
221, 158) }
```

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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