

Converting Colors

XYZ(71.5004, 71.0589, 45.0713)

Have a look what the booklet for
XYZ(71.5004, 71.0589, 45.0713)
contains.

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Color

**XYZ(71.4843, 71.0273,
45.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4A4
RGB	255, 212, 164
RGB Percent	100%, 83%, 64%
CMY	0.0000, 0.1686, 0.3569
CMYK	0.00, 0.17, 0.36, 0.00
HSL	32°, 100%, 82%
HSV	32°, 36%, 100%
XYZ	71.4843, 71.0273, 45.0640
YIQ	219.3850, 41.0360, -5.8120

Conversions

Conversions Part 2

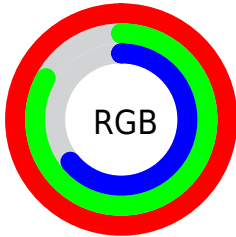
Format	Color
R _Y B	246, 255, 164
Decimal	16766116
CIE Lab	87.50, 8.59, 29.40
CIE LCh	87, 30.628, 73.714
Yxy	71.0273, 0.3811, 0.3787
Android (android.graphics.Color)	4294956196 (0xFFFFD4A4)
YUV	219.3850, -27.3048, 31.2344
Hunter-Lab	84.2777, 3.9176, 27.2915

Details

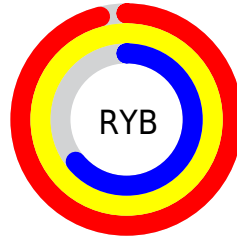
The XYZ color **71.4843, 71.0273, 45.0640** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.6720, 59.7361, 103.2037**, and the grayscale version is **67.7647, 71.2937, 77.6389**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **38.0076, 37.1541, 20.4975** is the 20% darker color. If you saturate the color by 10%, you get **66.5086, 64.3989, 33.1606**, and if you desaturate by 10%, it is **77.1502, 78.2965, 59.4768**.

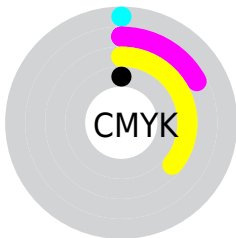
Distribution



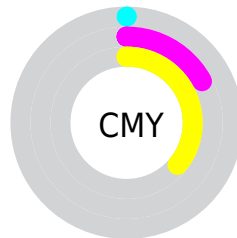
- Red (100%)
- Green (83%)
- Blue (64%)



- Red (96%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4843, 71.0273, 45.0640 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 71.4843, 71.0273, 45.0640 by changing the saturation by 10% instead.

 71.4843, 71.0273,
45.0640


 71.4843, 71.0273,
45.0640


454.9302,
464.1489, 383.2004

 53.0215, 52.3645,
31.1645


 120.3378,
120.6726, 84.1359

 38.0475, 37.2957,
20.4646

 151.4592,
152.4239, 110.1454

 26.1969, 25.4365,
12.5458


187.5309,
189.3067, 141.0287

 17.1045, 16.4026,
6.9895

228.9181,
231.7056, 177.2043

 10.4048, 9.8095,
3.3772

275.9863,
280.0048, 219.0907

 5.7325, 5.2728,
1.2903

329.1008,

 2.7222, 2.4082,

334.5889, 267.1065

0.0538

388.6270,
395.8421, 321.6702

■ 1.0086, 0.8301,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.4843, 71.0273,
45.0640

■ 71.4843, 71.0273,
45.0640

■ 66.5086, 64.3989,
33.1606

■ 77.1502, 78.2965,
59.4768

■ 62.1849, 58.3806,
23.6145

■ 83.5309, 86.2162,
76.5301

■ 58.4793, 52.9533,
16.2635

■ 90.6564, 94.8083,
96.3513

■ 55.3519, 48.0926,
10.9231

95.0500, 100.0000,
108.9000

■ 52.7566, 43.7714,
7.3777

■ 50.6375, 39.9584,
5.3605

■ 49.8373, 38.4546,
4.7958

Harmonies

Analogous

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



78.0667, 71.0273, 52.9523



71.4843, 71.0273, 45.0640



64.2663, 71.0273, 44.7420

Triad

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



71.4843, 71.0273, 45.0640



54.8819, 71.0273, 87.1667



77.5814, 71.0273, 109.8390

Complementary

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



71.4843, 71.0273, 45.0640



55.6720, 59.7361, 103.2037

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.



70.8597, 71.0273, 122.8333



71.4843, 71.0273, 45.0640



57.9494, 71.0273, 108.2494

Square

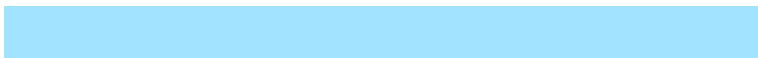
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4843, 71.0273, 45.0640



55.0227, 71.0273, 66.6979



63.6845, 71.0273, 122.2045



81.7551, 71.0273, 89.0505

Rectangle

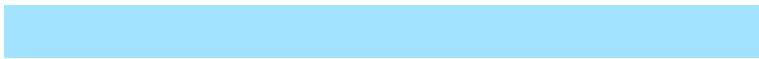
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4843, 71.0273, 45.0640



60.0819, 71.0273, 48.7159



63.6845, 71.0273, 122.2045



75.5249, 71.0273, 115.4162

Sweetspot

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



71.4861, 71.0306, 45.0654



86.7752, 90.1572, 85.4654



65.8990, 52.3649, 66.2986



18.3689, 19.0500, 17.7262



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.



71.4861, 71.0306, 45.0654



67.7797, 66.1188, 36.1196



83.1452, 95.1738, 49.1111



18.8026, 19.5733, 18.9314



26.1919, 20.3950, 2.5562



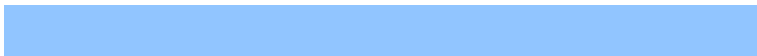
2.6596, 2.2047, 0.2854

Inverse Universe

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



55.6720, 59.7361, 103.2037



49.7905, 53.2749, 102.2666



46.9510, 41.8267, 100.2065



17.7108, 18.7932, 22.9439



13.1180, 11.1457, 50.8945



1.3856, 1.3019, 4.9915

Previews

White Background



This preview shows how the XYZ color 71.4843, 71.0273, 45.0640 looks on a white background.

Color Contrast Check

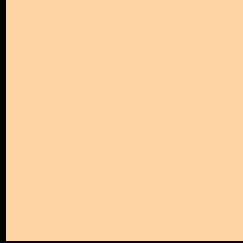
Large Text (above 18pt) WCAG AA × Fail

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 71.4843, 71.0273, 45.0640 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 71.4843, 71.0273, 45.0640

Background



This preview shows how black text looks on a background with the XYZ color 71.4843, 71.0273, 45.0640.



This preview shows how white text looks on a background with the XYZ color 71.4843, 71.0273,

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

71.4843, 71.0273, 45.0640

Protanopia

66.5675, 71.1152, 46.7773

Deuteranopia

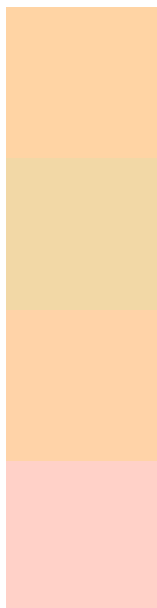
71.8850, 70.7888, 48.4029



Tritanopia

76.4711, 71.0530, 77.3943

Trichromacy



Original Color

71.4843, 71.0273, 45.0640

Protanomaly

68.0568, 70.7422, 46.1440

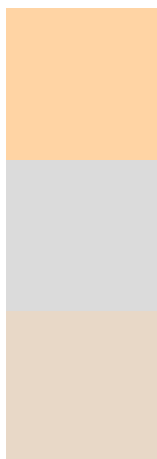
Deuteranomaly

71.6021, 70.6757, 46.9137

Tritanomaly

74.4658, 71.0311, 64.4292

Monochromacy



Original Color

71.4843, 71.0273, 45.0640

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1434, 70.3911, 64.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4843, 71.0273, 45.0640 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, 212, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 164)  
}
```

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, 212, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 164) }
```

Border

The CSS property to change the border of an element to XYZ 71.4843, 71.0273, 45.0640 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, 212, 164) }
```


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

```
.border{ border-color:rgb(255, 212, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4843, 71.0273, 45.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 164) }
```

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

```
.background{ background-color: rgb(255,  
212, 164) }
```

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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