

Converting Colors

XYZ(71.4701, 74.0044, 48.0750)

Have a look what the booklet for
XYZ(71.4701, 74.0044, 48.0750)
contains.

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Color

**XYZ(71.4660, 74.0074,
48.0543)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DCA9
RGB	248, 220, 169
RGB Percent	97%, 86%, 66%
CMY	0.0275, 0.1372, 0.3372
CMYK	0.00, 0.11, 0.32, 0.03
HSL	39°, 85%, 82%
HSV	39°, 32%, 97%
XYZ	71.4660, 74.0074, 48.0543
YIQ	222.5580, 33.0590, -9.9250

Conversions

Conversions Part 2

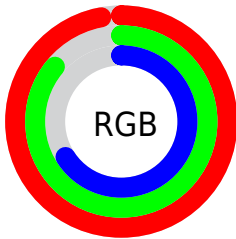
Format	Color
R _Y B	212, 248, 169
Decimal	16309417
CIE Lab	88.93, 2.40, 28.63
CIE LCh	89, 28.735, 85.216
Yxy	74.0074, 0.3693, 0.3824
Android (android.graphics.Color)	4294499497 (0xFFF8DCA9)
YUV	222.5580, -26.4041, 22.3126
Hunter-Lab	86.0276, -2.2622, 27.1004

Details

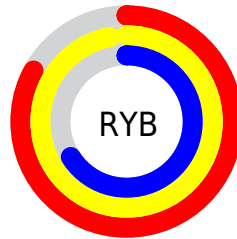
The XYZ color **71.4660, 74.0074, 48.0543** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.2712, 55.1432, 96.6430**, and the grayscale version is **69.9921, 73.6372, 80.1909**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **38.0934, 39.2476, 22.0908** is the 20% darker color. If you saturate the color by 10%, you get **67.1094, 68.6732, 36.1848**, and if you desaturate by 10%, it is **76.3893, 79.7675, 62.2929**.

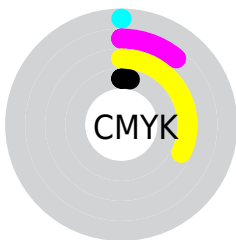
Distribution



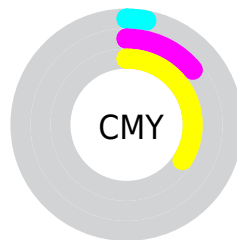
- Red (97%)
- Green (86%)
- Blue (66%)



- Red (83%)
- Yellow (97%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4660, 74.0074, 48.0543 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 71.4660, 74.0074, 48.0543 by changing the saturation by 10% instead.


 71.4660, 74.0074,
48.0543

 71.4660, 74.0074,
48.0543


454.8673,
474.4989, 395.5222

 53.0065, 54.8001,
33.5096


 120.3119,
124.9063, 88.6516

 38.0354, 39.2417,
22.2428


151.4291,
157.3667, 115.5413

 26.1875, 26.9478,
13.8354


187.4961,
195.0135, 147.3831

 17.0974, 17.5340,
7.8688

228.8784,
238.2313, 184.5956

 10.3997, 10.6160,
3.9246

275.9413,
287.4043, 227.5971

 5.7291, 5.8092,
1.5841

329.0502,

 2.7201, 2.7294,

342.9170, 276.8064

0.2794

388.5704,
405.1537, 332.6419

■ 1.0075, 0.9922,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.4660, 74.0074,
48.0543

■ 71.4660, 74.0074,
48.0543

■ 67.1094, 68.6732,
36.1848

■ 76.3893, 79.7675,
62.2929

■ 63.2870, 63.7412,
26.5473

■ 81.8984, 85.9563,
79.0181

■ 59.9711, 59.1998,
18.9977

■ 88.0185, 92.5891,
98.3451

■ 57.1290, 55.0329,
13.3730

■ 92.5214, 98.6965,
108.7817

■ 54.7233, 51.2223,
9.4855

■ 52.7091, 47.7468,
7.1093

■ 51.3028, 45.1392,
6.0088

Harmonies

Analogous

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



78.2712, 74.0074, 52.9801



71.4660, 74.0074, 48.0543



64.7831, 74.0074, 50.5953

Triad

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



71.4660, 74.0074, 48.0543



58.8958, 74.0074, 98.0720



81.9380, 74.0074, 104.5320

Complementary

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



71.4660, 74.0074, 48.0543



53.2712, 55.1432, 96.6430

Split Complementary

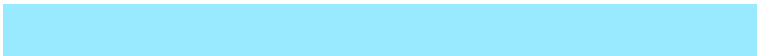
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2098, 74.0074, 120.5518



71.4660, 74.0074, 48.0543



62.9669, 74.0074, 116.4109

Square

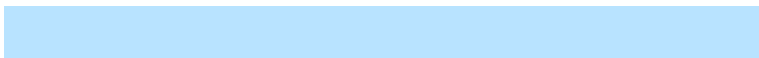
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4660, 74.0074, 48.0543



57.8091, 74.0074, 77.4211



69.2295, 74.0074, 125.2219



84.5663, 74.0074, 83.8267

Rectangle

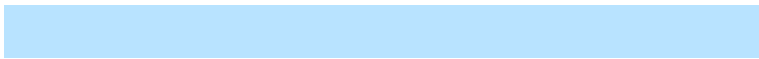
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4660, 74.0074, 48.0543



61.2483, 74.0074, 56.4461



69.2295, 74.0074, 125.2219



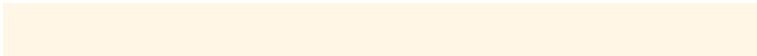
80.2935, 74.0074, 110.7700

Sweetspot

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



71.4679, 74.0108, 48.0558



88.3975, 92.8346, 87.7551



63.0891, 52.4089, 60.1975



18.7320, 19.6631, 18.1958



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.



71.4679, 74.0108, 48.0558



73.1876, 75.2669, 43.0635



75.8103, 88.0845, 50.5435



18.1796, 19.0951, 18.1900



27.8508, 24.6583, 3.2916



2.6793, 2.4834, 0.3381

Inverse Universe

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



53.2712, 55.1432, 96.6430



51.1161, 52.3910, 102.0261



49.8459, 44.8016, 94.8274



16.7863, 17.6493, 21.9072



11.1521, 7.6597, 48.8643



1.1287, 0.9010, 4.5576

Previews

White Background



This preview shows how the XYZ color 71.4660, 74.0074, 48.0543 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 71.4660, 74.0074, 48.0543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

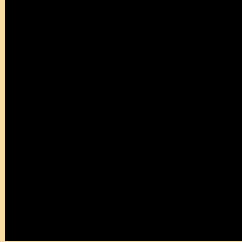
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4660, 74.0074, 48.0543

Background



This preview shows how black text looks on a background with the XYZ color 71.4660, 74.0074, 48.0543.



This preview shows how white text looks on a background with the XYZ color 71.4660, 74.0074,

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

71.4660, 74.0074, 48.0543

Protanopia

69.2400, 74.0284, 48.6698

Deuteranopia

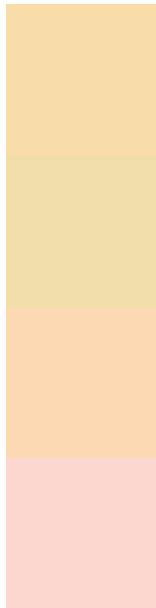
74.3431, 73.7906, 55.1245



Tritanopia

78.9263, 74.0041, 84.2531

Trichromacy



Original Color

71.4660, 74.0074, 48.0543

Protanomaly

69.9949, 74.0221, 48.6288

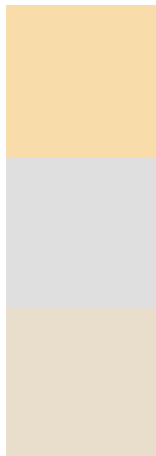
Deuteranomaly

72.9936, 73.5355, 52.4661

Tritanomaly

75.7078, 73.8013, 69.2863

Monochromacy



Original Color

71.4660, 74.0074, 48.0543

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1795, 73.7102, 67.0285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4660, 74.0074, 48.0543 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(248, 220, 169)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 169)  
}
```

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(248, 220, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 169) }
```

Border

The CSS property to change the border of an element to XYZ 71.4660, 74.0074, 48.0543 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(248, 220, 169) }
```


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

```
.border{ border-color:rgb(248, 220, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 169);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4660, 74.0074, 48.0543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 169) }
```

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

```
.background{ background-color: rgb(248,  
220, 169) }
```

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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