

Converting Colors

XYZ(72.3325, 74.6166, 48.1311)

Have a look what the booklet for
XYZ(72.3325, 74.6166, 48.1311)
contains.

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Color

**XYZ(72.1790, 74.3750,
48.0877)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FADCA9 |
| RGB | 250, 220, 169 |
| RGB Percent | 98%, 86%, 66% |
| CMY | 0.0196, 0.1372, 0.3372 |
| CMYK | 0.00, 0.12, 0.32, 0.02 |
| HSL | 38°, 89%, 82% |
| HSV | 38°, 32%, 98% |
| XYZ | 72.1790, 74.3750, 48.0877 |
| YIQ | 223.1560, 34.2510, -9.5010 |

Conversions

Conversions Part 2

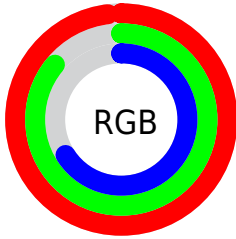
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 217, 250, 169 |
| Decimal | 16440489 |
| CIE Lab | 89.10, 3.16, 28.90 |
| CIE LCh | 89, 29.070, 83.767 |
| Yxy | 74.3750, 0.3708, 0.3821 |
| Android (android.graphics.Color) | 4294630569 (0xFFFADCA9) |
| YUV | 223.1560, -26.6989, 23.5422 |
| Hunter-Lab | 86.2409, -1.5268, 27.3087 |

Details

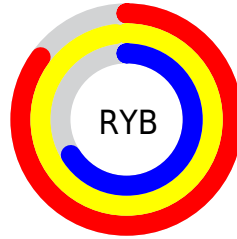
The XYZ color **72.1790, 74.3750, 48.0877** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0404, 56.1823, 98.4387**, and the grayscale version is **70.4186, 74.0858, 80.6794**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **38.3457, 39.3777, 22.1026** is the 20% darker color. If you saturate the color by 10%, you get **67.6905, 68.8015, 36.0987**, and if you desaturate by 10%, it is **77.2546, 80.4040, 62.4879**.

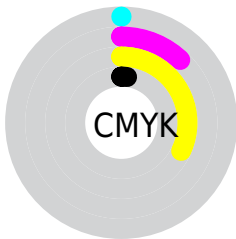
Distribution



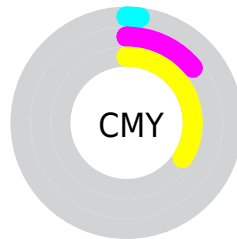
- Red (98%)
- Green (86%)
- Blue (66%)



- Red (85%)
- Yellow (98%)
- Blue (66%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1790, 74.3750, 48.0877 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 72.1790, 74.3750, 48.0877 by changing the saturation by 10% instead.


 72.1790, 74.3750,
48.0877

 72.1790, 74.3750,
48.0877


457.3124,
475.7666, 395.6584

 53.5909, 55.1010,
33.5359

 121.3204,
125.4273, 88.7019

 38.5041, 39.4826,
22.2628


152.6044,
157.9743, 115.6013

 26.5531, 27.1354,
13.8500


188.8511,
195.7145, 147.4536

 17.3727, 17.6749,
7.8788

230.4259,
239.0323, 184.6775

 10.5975, 10.7168,
3.9308

277.6940,
288.3120, 227.6913

 5.8622, 5.8768,
1.5875

331.0209,

 2.8013, 2.7703,

343.9380, 276.9137

0.2819

390.7719,
406.2947, 332.7632

■ 1.0496, 1.0130,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1790, 74.3750,
48.0877

■ 72.1790, 74.3750,
48.0877

■ 67.6905, 68.8015,
36.0987

■ 77.2546, 80.4040,
62.4879

■ 63.7556, 63.6587,
26.3805

■ 82.9375, 86.8918,
79.4198

■ 60.3459, 58.9342,
18.7850

■ 89.2534, 93.8548,
99.0012

■ 57.4272, 54.6108,
13.1447

■ 93.2344, 99.0640,
108.8150

■ 54.9608, 50.6694,
9.2665

■ 52.9001, 47.0873,
6.9168

■ 51.5533, 44.5819,
5.8880

Harmonies

Analogous

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



79.0439, 74.3750, 53.4364



72.1790, 74.3750, 48.0877



65.3471, 74.3750, 50.2931

Triad

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



72.1790, 74.3750, 48.0877



58.9536, 74.3750, 97.7270



82.2464, 74.3750, 106.2719

Complementary

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



72.1790, 74.3750, 48.0877



54.0404, 56.1823, 98.4387

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.



76.3190, 74.3750, 122.1444



72.1790, 74.3750, 48.0877



62.9487, 74.3750, 116.6634

Square

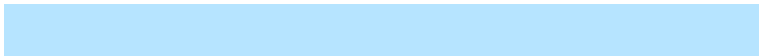
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1790, 74.3750, 48.0877



58.0074, 74.3750, 76.8236



69.2240, 74.3750, 126.2336



85.1010, 74.3750, 85.2872

Rectangle

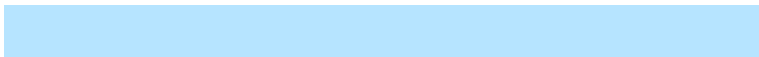
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1790, 74.3750, 48.0877



61.6892, 74.3750, 55.9707



69.2240, 74.3750, 126.2336



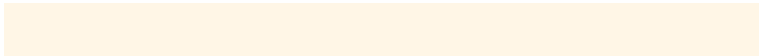
80.5289, 74.3750, 112.5143

Sweetspot

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



72.1809, 74.3784, 48.0892



88.2741, 92.5876, 87.7140



64.0441, 52.8732, 61.5051



18.7021, 19.6033, 18.1858



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.



72.1809, 74.3784, 48.0892



72.3191, 73.8779, 41.7013



77.4696, 89.8577, 50.7983



18.1556, 19.0470, 18.1819



27.4878, 23.9323, 3.1706



2.6472, 2.4193, 0.3274

Inverse Universe

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



54.0404, 56.1823, 98.4387



50.6058, 52.1080, 101.9984



49.9076, 44.7973, 96.4590



16.8095, 17.6957, 21.9150



11.3352, 8.0259, 48.9253



1.1474, 0.9386, 4.5639

Previews

White Background



This preview shows how the XYZ color 72.1790, 74.3750, 48.0877 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 72.1790, 74.3750, 48.0877 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 72.1790, 74.3750, 48.0877

Background



This preview shows how black text looks on a background with the XYZ color 72.1790, 74.3750, 48.0877.



This preview shows how white text looks on a background with the XYZ color 72.1790, 74.3750,

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

72.1790, 74.3750, 48.0877

Protanopia

69.6029, 74.6023, 49.2593

Deuteranopia

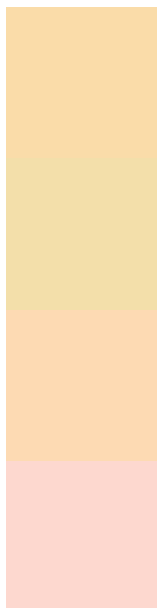
74.7046, 74.3464, 55.7603



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

72.1790, 74.3750, 48.0877

Protanomaly

70.6055, 74.7323, 48.7337

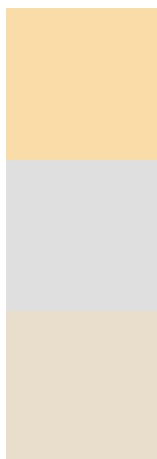
Deuteranomaly

73.7161, 74.2801, 53.1001

Tritanomaly

76.3264, 74.4994, 69.3885

Monochromacy



Original Color

72.1790, 74.3750, 48.0877

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.5050, 73.8780, 67.0438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1790, 74.3750, 48.0877 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(250, 220, 169)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 220, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 169) }
```

Border

The CSS property to change the border of an element to XYZ 72.1790, 74.3750, 48.0877 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(250, 220, 169) }
```


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

```
.border{ border-color:rgb(250, 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(250, 220, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 169);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1790, 74.3750, 48.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 169) }
```

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

```
.background{ background-color: rgb(250,  
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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