

Converting Colors

XYZ(71.8665, 74.1641, 45.5330)

Have a look what the booklet for
XYZ(71.8665, 74.1641, 45.5330)
contains.

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Color

**XYZ(72.0777, 74.3760,
45.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDCA4
RGB	251, 220, 164
RGB Percent	98%, 86%, 64%
CMY	0.0157, 0.1372, 0.3569
CMYK	0.00, 0.12, 0.35, 0.02
HSL	39°, 92%, 81%
HSV	39°, 35%, 98%
XYZ	72.0777, 74.3760, 45.6791
YIQ	222.8850, 36.4520, -10.8440

Conversions

Conversions Part 2

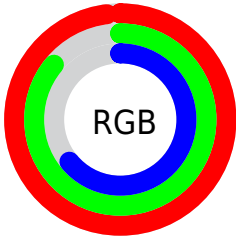
Format	Color
R _Y B	212, 251, 164
Decimal	16506020
CIE Lab	89.10, 2.94, 31.49
CIE LCh	89, 31.623, 84.664
Yxy	74.3760, 0.3751, 0.3871
Android (android.graphics.Color)	4294696100 (0xFFFBDC A4)
YUV	222.8850, -29.0303, 24.6569
Hunter-Lab	86.2415, -1.7385, 28.9652

Details

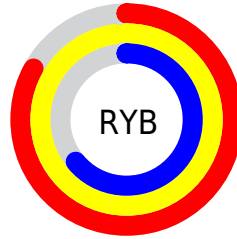
The XYZ color **72.0777, 74.3760, 45.6791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.2370, 53.8860, 98.9146**, and the grayscale version is **70.2407, 73.8987, 80.4757**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **38.3721, 39.4176, 20.9152** is the 20% darker color. If you saturate the color by 10%, you get **67.7470, 68.9910, 34.1346**, and if you desaturate by 10%, it is **76.9851, 80.1979, 59.6244**.

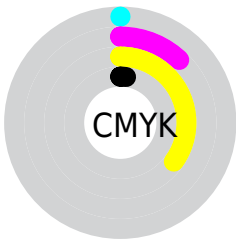
Distribution



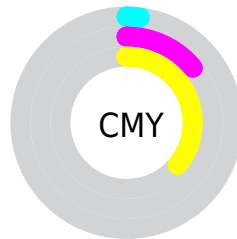
- Red (98%)
- Green (86%)
- Blue (64%)



- Red (83%)
- Yellow (98%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (35%)
- Black (2%)




- Cyan (2%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0777, 74.3760, 45.6791 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 72.0777, 74.3760, 45.6791 by changing the saturation by 10% instead.


 72.0777, 74.3760,
45.6791


 72.0777, 74.3760,
45.6791


456.9654,
475.7701, 385.7570

 53.5078, 55.1018,
31.6458


 121.1772,
125.4287, 85.0678

 38.4374, 39.4833,
20.8285


 152.4375,
157.9760, 111.2602

 26.5011, 27.1359,
12.8087


188.6588,
195.7164, 142.3428

 17.3336, 17.6753,
7.1678

230.2062,
239.0345, 178.7341

 10.5694, 10.7171,
3.4872

277.4453,
288.3144, 220.8527

 5.8432, 5.8770,
1.3485

330.7412,

 2.7897, 2.7704,

343.9408, 269.1170

0.1010

390.4595,
406.2978, 323.9456

■ 1.0436, 1.0131,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.0777, 74.3760,
45.6791

■ 72.0777, 74.3760,
45.6791

■ 67.7470, 68.9910,
34.1346

■ 76.9851, 80.1979,
59.6244

■ 63.9589, 64.0182,
24.8463

■ 82.4898, 86.4599,
76.0945

■ 60.6842, 59.4452,
17.6614

■ 88.6179, 93.1783,
95.2101

■ 57.8878, 55.2550,
12.4056

■ 93.5937, 99.2492,
108.8318

■ 55.5294, 51.4279,
8.8763

■ 53.5596, 47.9408,
6.8251

■ 52.6301, 46.2021,
6.1440

Harmonies

Analogous

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



79.6046, 74.3760, 51.0861



72.0777, 74.3760, 45.6791



64.6926, 74.3760, 48.2408

Triad

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



72.0777, 74.3760, 45.6791



58.0742, 74.3760, 99.9952



83.4697, 74.3760, 108.0622

Complementary

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



72.0777, 74.3760, 45.6791



52.2370, 53.8860, 98.9146

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.



77.0516, 74.3760, 125.9457



72.0777, 74.3760, 45.6791



62.4711, 74.3760, 120.7274

Square

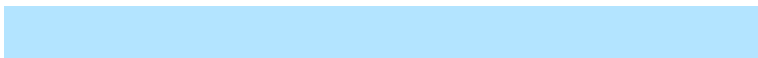
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0777, 74.3760, 45.6791



56.9530, 74.3760, 77.1040



69.3245, 74.3760, 130.9564



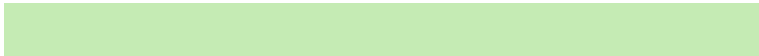
86.4802, 74.3760, 84.9896

Rectangle

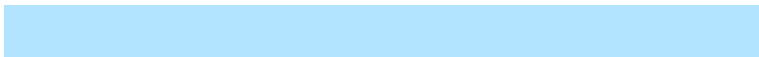
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0777, 74.3760, 45.6791



60.7879, 74.3760, 54.4161



69.3245, 74.3760, 130.9564



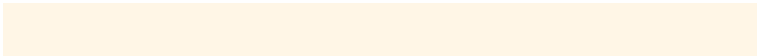
81.6177, 74.3760, 115.0350

Sweetspot

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



72.0796, 74.3794, 45.6806



88.3829, 92.8052, 87.7502



63.0121, 51.0419, 58.6967



18.7284, 19.6560, 18.1946



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.



72.0796, 74.3794, 45.6806



71.3503, 72.9408, 38.2939



76.9301, 90.0952, 48.4584



18.1768, 19.0894, 18.1890



27.8071, 24.5708, 3.2771



2.6754, 2.4757, 0.3369

Inverse Universe

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



52.2370, 53.8860, 98.9146



47.8152, 48.6476, 101.4775



48.5030, 42.7005, 96.9524



16.7890, 17.6548, 21.9081



11.1734, 7.7023, 48.8713



1.1309, 0.9054, 4.5583

Previews

White Background



This preview shows how the XYZ color 72.0777, 74.3760, 45.6791 looks on a white background.

Color Contrast Check

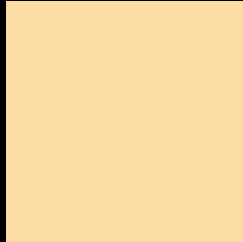
Large Text (above 18pt) WCAG AA × Fail

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 72.0777, 74.3760, 45.6791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

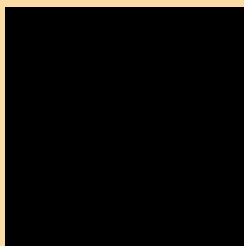
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0777, 74.3760, 45.6791

Background



This preview shows how black text looks on a background with the XYZ color 72.0777, 74.3760, 45.6791.



This preview shows how white text looks on a background with the XYZ color 72.0777, 74.3760,

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

72.0777, 74.3760, 45.6791

Protanopia

69.4738, 74.5897, 46.8120

Deuteranopia

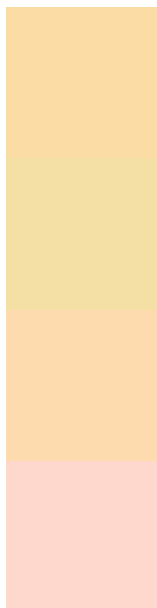
74.4964, 74.2631, 54.6638



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

72.0777, 74.3760, 45.6791

Protanomaly

70.4874, 74.7251, 46.3056

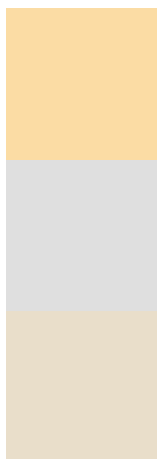
Deuteranomaly

73.6823, 74.3088, 51.0170

Tritanomaly

76.4484, 74.5903, 68.1257

Monochromacy



Original Color

72.0777, 74.3760, 45.6791

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3862, 73.8305, 66.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0777, 74.3760, 45.6791 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(251, 220, 164)` looks like.

```
.text, #text, p{  
    color:rgb(251, 220, 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(251, 220, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 220, 164) }
```

Border

The CSS property to change the border of an element to XYZ 72.0777, 74.3760, 45.6791 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(251, 220, 164) }
```


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

```
.border{ border-color:rgb(251, 220, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 220, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 220, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 220, 164);  
box-shadow:4px 4px 4px 4px rgb(251, 220,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0777, 74.3760, 45.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 220, 164) }
```

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

```
.background{ background-color: rgb(251,  
220, 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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