

Converting Colors

XYZ(71.0696, 75.1049, 44.9606)

Have a look what the booklet for
XYZ(71.0696, 75.1049, 44.9606)
contains.

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Color

**XYZ(70.9153, 74.9768,
44.9168)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DFA2
RGB	246, 223, 162
RGB Percent	96%, 87%, 64%
CMY	0.0353, 0.1255, 0.3647
CMYK	0.00, 0.09, 0.34, 0.04
HSL	44°, 82%, 80%
HSV	44°, 34%, 96%
XYZ	70.9153, 74.9768, 44.9168
YIQ	222.9230, 33.2890, -14.0950

Conversions

Conversions Part 2

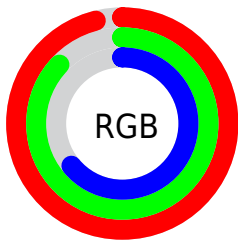
Format	Color
RYB	194, 246, 162
Decimal	16179106
CIELab	89.38, -0.74, 32.81
CIELCh	89, 32.818, 91.293
Yxy	74.9768, 0.3717, 0.3929
Android (android.graphics.Color)	4294369186 (0xFFFF6DFA2)
YUV	222.9230, -30.0350, 20.2385
Hunter-Lab	86.5891, -5.3420, 29.8566

Details

The XYZ color **70.9153, 74.9768, 44.9168** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8835, 49.0317, 94.0765**, and the grayscale version is **70.2762, 73.9360, 80.5163**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **37.8034, 39.9499, 20.4705** is the 20% darker color. If you saturate the color by 10%, you get **67.1760, 70.6619, 33.9170**, and if you desaturate by 10%, it is **75.1578, 79.6129, 58.1963**.

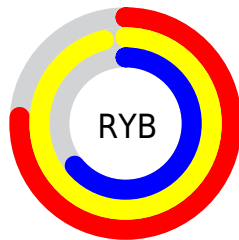
Distribution



Red (96%)

Green (87%)

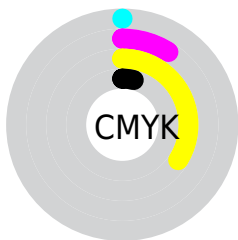
Blue (64%)



Red (76%)

Yellow (96%)

Blue (64%)

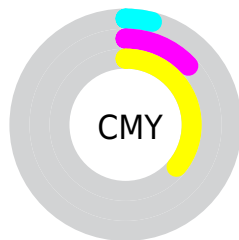


Cyan (0%)

Magenta (9%)

Yellow (34%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9153, 74.9768, 44.9168 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 70.9153, 74.9768, 44.9168 by changing the saturation by 10% instead.

70.9153, 74.9768,
44.9168

70.9153, 74.9768,
44.9168

452.9737,
477.8378, 382.5868

52.5554, 55.5939,
31.0494

119.5323,
126.2795, 83.9127

37.6740, 39.8774,
20.3777

150.5200,
158.9681, 109.8783

25.9058, 27.4430,
12.4831

186.4478,
196.8607, 140.7136

16.8855, 17.9062,
6.9471

227.6809,
240.3417, 176.8374

10.2477, 10.8827,
3.3511

274.5847,
289.7956, 218.6681

5.6270, 5.9880,
1.2766

327.5245,

2.6581, 2.8378,

345.6066, 266.6241

0.0425

386.8657,
408.1592, 321.1242

■ 0.9757, 1.0476,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.9153, 74.9768,
44.9168

■ 70.9153, 74.9768,
44.9168

■ 67.1760, 70.6619,
33.9170

■ 75.1578, 79.6129,
58.1963

■ 63.9083, 66.6461,
25.0601

■ 79.9215, 84.5706,
73.8725

■ 61.0856, 62.9201,
18.2017

■ 85.2307, 89.8635,
92.0596

■ 58.6759, 59.4699,
13.1776

■ 90.2238, 95.1484,
108.2179

■ 56.6422, 56.2792,
9.7972

■ 91.8161, 98.3328,
108.7487

■ 54.9395, 53.3285,
7.8277

■ 54.0579, 51.6966,
7.1293

Harmonies

Analogous

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



78.9430, 74.9768, 48.6596



70.9153, 74.9768, 44.9168



63.5376, 74.9768, 49.3698

Triad

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



70.9153, 74.9768, 44.9168



58.8621, 74.9768, 106.8372



85.6875, 74.9768, 104.7824

Complementary

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



70.9153, 74.9768, 44.9168



48.8835, 49.0317, 94.0765

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.



79.5910, 74.9768, 125.5734



70.9153, 74.9768, 44.9168



64.0983, 74.9768, 126.9079

Square

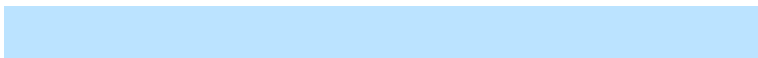
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9153, 74.9768, 44.9168



56.9094, 74.9768, 82.6390



71.6122, 74.9768, 134.3296



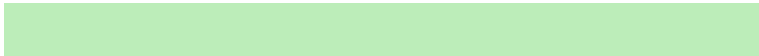
87.8478, 74.9768, 80.6431

Rectangle

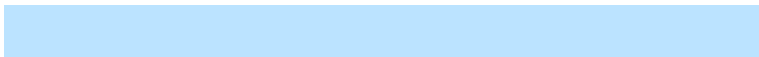
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9153, 74.9768, 44.9168



59.8765, 74.9768, 56.9807



71.6122, 74.9768, 134.3296



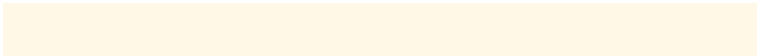
84.0091, 74.9768, 112.5425

Sweetspot

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



70.9172, 74.9802, 44.9184



89.0262, 94.0919, 87.9647



59.7686, 48.9710, 52.6461



18.8845, 19.9682, 18.2466



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.



70.9172, 74.9802, 44.9184



74.0812, 78.0762, 40.2102



71.4092, 84.9817, 46.8229



17.5087, 18.5015, 17.4459



28.9770, 27.8397, 3.8463



2.6322, 2.6176, 0.3665

Inverse Universe

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



48.8835, 49.0317, 94.0765



46.8448, 46.0150, 101.0205



48.4247, 42.2228, 92.7864



15.9503, 16.6649, 20.9185



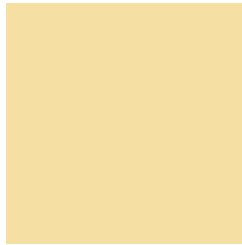
10.0608, 5.9155, 47.1496



0.9665, 0.6844, 4.1714

Previews

White Background



This preview shows how the XYZ color 70.9153, 74.9768, 44.9168 looks on a white background.

Color Contrast Check

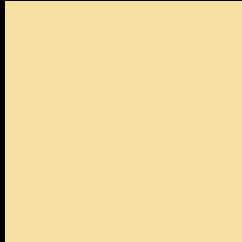
Large Text (above 18pt) WCAG AA × Fail

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 70.9153, 74.9768, 44.9168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

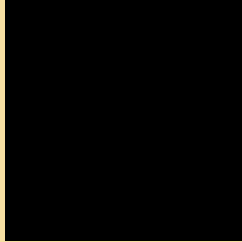
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9153, 74.9768, 44.9168

Background



This preview shows how black text looks on a background with the XYZ color 70.9153, 74.9768, 44.9168.



This preview shows how white text looks on a background with the XYZ color 70.9153, 74.9768,

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

70.9153, 74.9768, 44.9168

Protanopia

69.8845, 74.8329, 45.4112

Deuteranopia

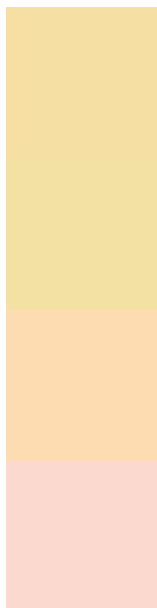
74.9631, 74.8635, 55.8465



Tritanopia

79.3434, 74.9335, 85.8831

Trichromacy



Original Color

70.9153, 74.9768, 44.9168

Protanomaly

70.2287, 75.0103, 45.4273

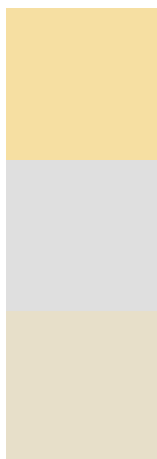
Deuteranomaly

73.5746, 75.0164, 51.6761

Tritanomaly

75.7371, 74.5912, 68.7983

Monochromacy



Original Color

70.9153, 74.9768, 44.9168

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8853, 73.9813, 65.8548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9153, 74.9768, 44.9168 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(246, 223, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 162)  
}
```

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(246, 223, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 162) }
```

Border

The CSS property to change the border of an element to XYZ 70.9153, 74.9768, 44.9168 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(246, 223, 162) }
```


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

```
.border{ border-color:rgb(246, 223, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 223, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 223, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 223, 162); box-shadow:4px 4px 4px 4px rgb(246, 223, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9153, 74.9768, 44.9168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 162) }
```

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

```
.background{ background-color: rgb(246,  
223, 162) }
```

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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