

Converting Colors

XYZ(71.1606, 71.7213, 56.5474)

Have a look what the booklet for
XYZ(71.1606, 71.7213, 56.5474)
contains.

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Color

**XYZ(71.1694, 71.7389,
56.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D7BA
RGB	246, 215, 186
RGB Percent	96%, 84%, 73%
CMY	0.0353, 0.1568, 0.2706
CMYK	0.00, 0.13, 0.24, 0.04
HSL	29°, 77%, 85%
HSV	29°, 24%, 96%
XYZ	71.1694, 71.7389, 56.5503
YIQ	220.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

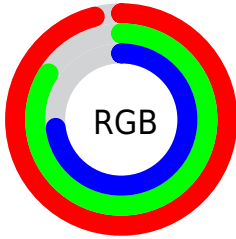
Format	Color
R _Y B	246, 242, 186
Decimal	16177082
CIE Lab	87.84, 6.44, 18.28
CIE LCh	88, 19.376, 70.600
Yxy	71.7389, 0.3568, 0.3597
Android (android.graphics.Color)	4294367162 (0xFFFF6D7BA)
YUV	220.9630, -17.2368, 21.9574
Hunter-Lab	84.6988, 1.7643, 19.7034

Details

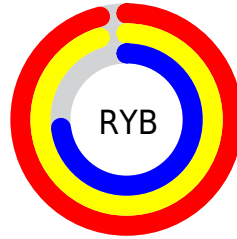
The XYZ color **71.1694, 71.7389, 56.5503** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.6965, 66.7168, 96.8150**, and the grayscale version is **68.8064, 72.3897, 78.8324**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **37.7907, 37.6539, 27.4664** is the 20% darker color. If you saturate the color by 10%, you get **65.6653, 64.5615, 42.9049**, and if you desaturate by 10%, it is **77.3790, 79.6057, 72.6537**.

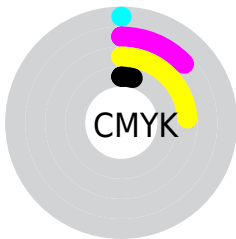
Distribution



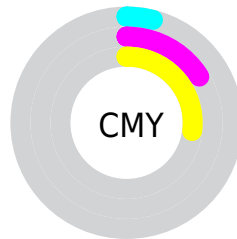
- Red (96%)
- Green (84%)
- Blue (73%)



- Red (96%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1694, 71.7389, 56.5503 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 71.1694, 71.7389, 56.5503 by changing the saturation by 10% instead.


 71.1694, 71.7389,
56.5503

 71.1694, 71.7389,
56.5503


453.8480,
466.6323, 429.2085

 52.7635, 52.9454,
40.2374


 119.8921,
121.6852, 101.3025

 37.8407, 37.7592,
27.4085


150.9396,
153.6069, 130.5789

 26.0357, 25.7958,
17.6451


186.9317,
190.6734, 165.0135

 16.9832, 16.6710,
10.5287

228.2337,
233.2691, 205.0248

 10.3177, 10.0002,
5.6407

275.2109,
281.7785, 251.0314

 5.6740, 5.3991,
2.5626

328.2289,

 2.6867, 2.4833,

336.5859, 303.4519

0.8731

387.6528,
398.0757, 362.7048

■ 0.9903, 0.8682,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.1694, 71.7389,
56.5503

■ 71.1694, 71.7389,
56.5503

■ 65.6653, 64.5615,
42.9049

■ 77.3790, 79.6057,
72.6537

■ 60.8322, 58.0430,
31.5896

■ 84.3152, 88.1717,
91.3251

■ 56.6410, 52.1651,
22.4717

■ 91.2225, 97.1455,
108.5508

■ 53.0579, 46.9043,
15.4032

■ 91.8162, 98.3329,
108.7487

■ 50.0453, 42.2355,
10.2174

■ 47.5602, 38.1308,
6.7212

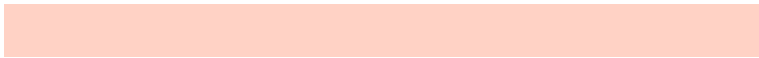
■ 45.5514, 34.5587,
4.6781

■ 44.5936, 32.7678,
3.9745

Harmonies

Analogous

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



75.1323, 71.7389, 62.7431



71.1694, 71.7389, 56.5503



66.5698, 71.7389, 55.7422

Triad

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



71.1694, 71.7389, 56.5503



59.8470, 71.7389, 82.8699



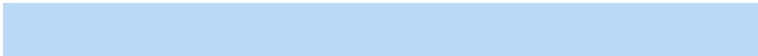
74.1120, 71.7389, 98.9917

Complementary

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



71.1694, 71.7389, 56.5503



61.6965, 66.7168, 96.8150

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.



69.8275, 71.7389, 105.7838



71.1694, 71.7389, 56.5503



61.6810, 71.7389, 95.8043

Square

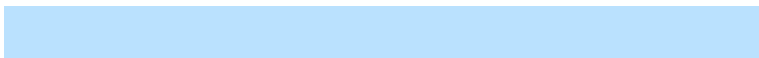
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1694, 71.7389, 56.5503



60.1700, 71.7389, 69.9872



65.2865, 71.7389, 104.5558



76.8834, 71.7389, 86.8414

Rectangle

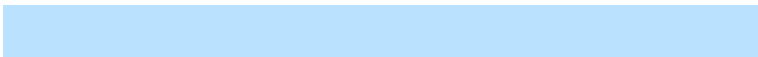
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1694, 71.7389, 56.5503



63.7768, 71.7389, 58.2536



65.2865, 71.7389, 104.5558



72.7932, 71.7389, 102.0359

Sweetspot

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



71.1713, 71.7422, 56.5518



89.4366, 93.1604, 93.5037



68.0900, 59.7212, 73.5850



19.0435, 19.8178, 19.7438



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.



71.1713, 71.7422, 56.5518



74.3466, 74.1203, 54.1311



79.5218, 88.4432, 59.3353



17.1603, 17.8047, 17.3298



23.9413, 17.7683, 2.1678



2.2066, 1.7665, 0.2247

Inverse Universe

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



61.6965, 66.7168, 96.8150



62.5149, 67.8440, 104.4081



54.6554, 52.6345, 94.4679



16.2892, 17.3428, 21.0315



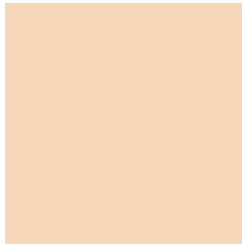
13.0765, 11.9468, 48.1548



1.2522, 1.2558, 4.2666

Previews

White Background



This preview shows how the XYZ color 71.1694, 71.7389, 56.5503 looks on a white background.

Color Contrast Check

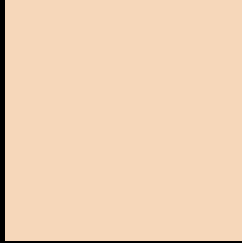
Large Text (above 18pt) WCAG AA × Fail

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 71.1694, 71.7389, 56.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

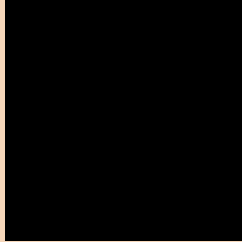
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1694, 71.7389, 56.5503

Background



This preview shows how black text looks on a background with the XYZ color 71.1694, 71.7389, 56.5503.



This preview shows how white text looks on a background with the XYZ color 71.1694, 71.7389,

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

71.1694, 71.7389, 56.5503

Protanopia

67.9490, 71.9730, 57.8878

Deuteranopia

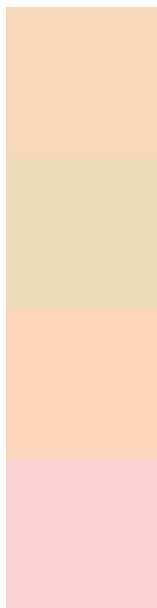
73.3862, 71.7457, 56.9941



Tritanopia

76.3116, 71.6011, 81.7499

Trichromacy



Original Color

71.1694, 71.7389, 56.5503

Protanomaly

68.9661, 71.7352, 57.2251

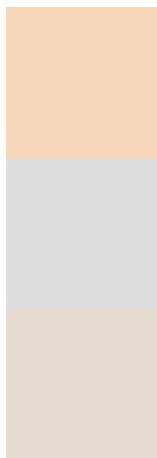
Deuteranomaly

72.5476, 71.6856, 57.0267

Tritanomaly

74.1191, 71.4314, 71.5092

Monochromacy



Original Color

71.1694, 71.7389, 56.5503

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.3498, 72.0401, 69.9245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1694, 71.7389, 56.5503 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, 215, 186)` looks like.

```
.text, #text, p{  
    color:rgb(246, 215, 186)  
}
```

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, 215, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 215, 186) }
```

Border

The CSS property to change the border of an element to XYZ 71.1694, 71.7389, 56.5503 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, 215, 186) }
```


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

```
.border{ border-color:rgb(246, 215, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 215, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 215, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 215, 186); box-shadow:4px 4px 4px 4px rgb(246, 215, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1694, 71.7389, 56.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 215, 186) }
```

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

```
.background{ background-color: rgb(246,  
215, 186) }
```

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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