

Converting Colors

XYZ(70.9311, 71.5142, 41.7461)

Have a look what the booklet for
XYZ(70.9311, 71.5142, 41.7461)
contains.

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Color

**XYZ(71.0054, 71.5983,
41.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	FED69D
RGB	254, 214, 157
RGB Percent	100%, 84%, 62%
CMY	0.0039, 0.1608, 0.3843
CMYK	0.00, 0.16, 0.38, 0.00
HSL	35°, 98%, 81%
HSV	35°, 38%, 100%
XYZ	71.0054, 71.5983, 41.9758
YIQ	219.4620, 42.1370, -9.2470

Conversions

Conversions Part 2

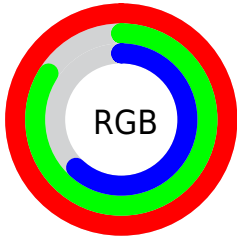
Format	Color
R _Y B	225, 254, 157
Decimal	16701085
CIE Lab	87.77, 6.38, 33.36
CIE LCh	88, 33.966, 79.175
Yxy	71.5983, 0.3847, 0.3879
Android (android.graphics.Color)	4294891165 (0xFF FED69D)
YUV	219.4620, -30.7938, 30.2898
Hunter-Lab	84.6158, 1.7108, 29.8187

Details

The XYZ color **71.0054, 71.5983, 41.9758** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7596, 54.2545, 101.5099**, and the grayscale version is **67.8413, 71.3743, 77.7266**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **37.7129, 37.5520, 18.6252** is the 20% darker color. If you saturate the color by 10%, you get **66.4929, 65.6903, 30.8623**, and if you desaturate by 10%, it is **76.1428, 78.0341, 55.5231**.

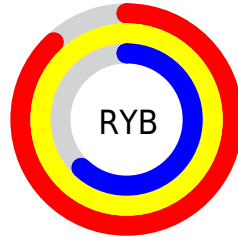
Distribution



Red (100%)

Green (84%)

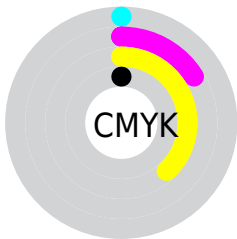
Blue (62%)



Red (88%)

Yellow (100%)

Blue (62%)

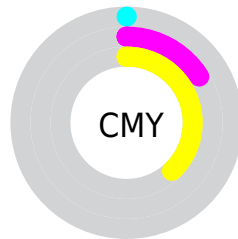


Cyan (0%)

Magenta (16%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0054, 71.5983, 41.9758 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 71.0054, 71.5983, 41.9758 by changing the saturation by 10% instead.


 71.0054, 71.5983,
41.9758


 71.0054, 71.5983,
41.9758


453.2839,
466.1422, 370.1793

 52.6292, 52.8306,
28.7569


 119.6599,
121.4852, 79.4327

 37.7331, 37.6676,
18.6530

 150.6688,
153.3733, 104.5078

 25.9519, 25.7248,
11.2456


186.6194,
190.4036, 134.3720

 16.9201, 16.6179,
6.1160

227.8769,
232.9604, 169.4439

 10.2725, 9.9624,
2.8458

274.8068,
281.4284, 210.1421

 5.6437, 5.3740,
1.0165

327.7743,

 2.6682, 2.4684,

336.1917, 256.8850

0.0000

387.1449,
397.6349, 310.0912

■ 0.9808, 0.8607,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0054, 71.5983,
41.9758

■ 71.0054, 71.5983,
41.9758

■ 66.4929, 65.6903,
30.8623

■ 76.1428, 78.0341,
55.5231

■ 62.5685, 60.2826,
22.0288

■ 81.9284, 85.0043,
71.6363

■ 59.1995, 55.3593,
15.3110

■ 88.3909, 92.5276,
90.4432

■ 56.3468, 50.8996,
10.5200

94.6830, 99.8108,
108.8828

■ 53.9649, 46.8796,
7.4329

■ 51.9922, 43.2690,
5.7436

■ 51.6636, 42.6521,
5.5097

Harmonies

Analogous

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



78.6985, 71.5983, 48.9569



71.0054, 71.5983, 41.9758



63.0861, 71.5983, 43.0929

Triad

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



71.0054, 71.5983, 41.9758



54.4345, 71.5983, 93.4692



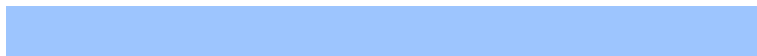
80.4700, 71.5983, 110.7355

Complementary

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



71.0054, 71.5983, 41.9758



51.7596, 54.2545, 101.5099

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.



73.2719, 71.5983, 127.8625



71.0054, 71.5983, 41.9758



58.4119, 71.5983, 116.6124

Square

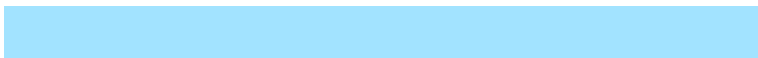
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0054, 71.5983, 41.9758



53.9327, 71.5983, 69.9134



65.1817, 71.5983, 130.2034



84.4428, 71.5983, 86.5979

Rectangle

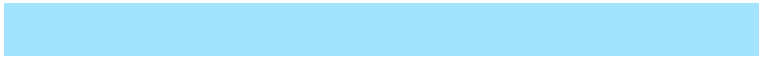
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0054, 71.5983, 41.9758



58.7214, 71.5983, 48.3564



65.1817, 71.5983, 130.2034



78.3221, 71.5983, 117.6910

Sweetspot

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



71.0072, 71.6016, 41.9773



87.2791, 91.1649, 85.6334



63.0563, 49.2359, 59.2547



18.4890, 19.2902, 17.7662



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.



71.0072, 71.6016, 41.9773



68.0304, 67.5357, 33.3811



79.5046, 92.8957, 45.6396



18.8966, 19.7614, 18.9627



27.3867, 22.7846, 2.9544



2.7743, 2.4339, 0.3236

Inverse Universe

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



51.7596, 54.2545, 101.5099



46.0541, 47.7426, 101.3957



45.4815, 39.2789, 98.9502



17.6181, 18.6079, 22.9131



12.2170, 9.3436, 50.5942



1.2940, 1.1188, 4.9610

Previews

White Background



This preview shows how the XYZ color 71.0054, 71.5983, 41.9758 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 71.0054, 71.5983, 41.9758 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 71.0054, 71.5983, 41.9758

Background



This preview shows how black text looks on a background with the XYZ color 71.0054, 71.5983, 41.9758.



This preview shows how white text looks on a background with the XYZ color 71.0054, 71.5983,

41.9758.

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

71.0054, 71.5983, 41.9758

Protanopia

66.8634, 71.7290, 43.5787

Deuteranopia

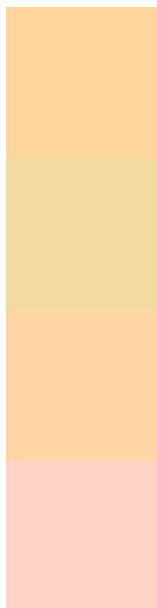
72.3849, 71.7888, 48.5696



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

71.0054, 71.5983, 41.9758

Protanomaly

68.2916, 71.7007, 43.0412

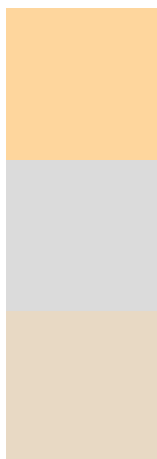
Deuteranomaly

71.9172, 71.6017, 46.1065

Tritanomaly

74.4796, 71.4304, 63.2880

Monochromacy



Original Color

71.0054, 71.5983, 41.9758

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.0554, 70.7670, 62.2971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0054, 71.5983, 41.9758 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(254, 214, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 157)  
}
```

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(254, 214, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 157) }
```

Border

The CSS property to change the border of an element to XYZ 71.0054, 71.5983, 41.9758 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(254, 214, 157) }
```


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

```
.border{ border-color:rgb(254, 214, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 214, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0054, 71.5983, 41.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 157) }
```

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

```
.background{ background-color: rgb(254,  
214, 157) }
```

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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