

Converting Colors

XYZ(70.6388, 72.7796, 41.2479)

Have a look what the booklet for
XYZ(70.6388, 72.7796, 41.2479)
contains.

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Color

**XYZ(70.7715, 73.0186,
41.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDA9B
RGB	251, 218, 155
RGB Percent	98%, 85%, 61%
CMY	0.0157, 0.1451, 0.3921
CMYK	0.00, 0.13, 0.38, 0.02
HSL	39°, 92%, 80%
HSV	39°, 38%, 98%
XYZ	70.7715, 73.0186, 41.3743
YIQ	220.6850, 39.8910, -12.5970

Conversions

Conversions Part 2

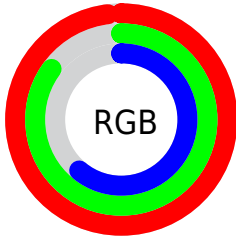
Format	Color
R_{YB}	205, 251, 155
Decimal	16505499
CIE _{Lab}	88.46, 2.94, 35.24
CIE _{LCh}	88, 35.359, 85.227
Yxy	73.0186, 0.3822, 0.3943
Android (android.graphics.Color)	4294695579 (0xFFFBDA9B)
YUV	220.6850, -32.3827, 26.5863
Hunter-Lab	85.4509, -1.7032, 31.1081

Details

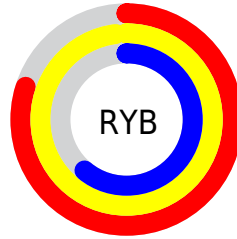
The XYZ color **70.7715, 73.0186, 41.3743** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.9129, 49.8985, 98.3202**, and the grayscale version is **68.7082, 72.2863, 78.7198**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **37.5377, 38.5111, 18.2869** is the 20% darker color. If you saturate the color by 10%, you get **66.7001, 67.9058, 30.6763**, and if you desaturate by 10%, it is **75.4012, 78.5463, 54.4215**.

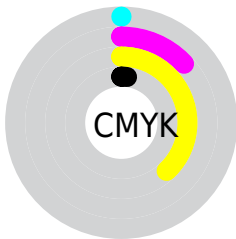
Distribution



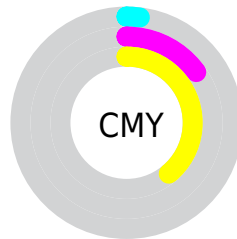
- Red (98%)
- Green (85%)
- Blue (61%)



- Red (80%)
- Yellow (98%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (2%)




- Cyan (2%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7715, 73.0186, 41.3743 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 70.7715, 73.0186, 41.3743 by changing the saturation by 10% instead.

 70.7715, 73.0186,
41.3743


 70.7715, 73.0186,
41.3743


452.4785,
471.0793, 367.6054

 52.4376, 53.9912,
28.2898


 119.3286,
123.5036, 78.5116

 37.5797, 38.5946,
18.3033


 150.2825,
155.7300, 103.4015

 25.8324, 26.4445,
10.9962

186.1738,
193.1248, 133.0635

 16.8303, 17.1565,
5.9502

227.3678,
236.0725, 167.9163

 10.2081, 10.3461,
2.7465

274.2300,
284.9573, 208.3783

 5.6005, 5.6290,
0.9667

327.1256,

 2.6420, 2.6209,

340.1638, 254.8682

0.0000

386.4200,
402.0763, 307.8043

■ 0.9674, 0.9372,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7715, 73.0186,
41.3743

■ 70.7715, 73.0186,
41.3743

■ 66.7001, 67.9058,
30.6763

■ 75.4012, 78.5463,
54.4215

■ 63.1525, 63.1833,
22.1785

■ 80.6103, 84.4923,
69.9457

■ 60.0981, 58.8388,
15.7214

■ 86.4256, 90.8724,
88.0706

■ 57.5005, 54.8548,
11.1221

■ 92.8054, 97.6727,
108.5691

■ 55.3170, 51.2110,
8.1644

■ 93.5937, 99.2492,
108.8318

■ 53.4889, 47.8810,
6.5492

■ 53.1908, 47.3234,
6.3309

Harmonies

Analogous

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



79.1513, 73.0186, 46.9097



70.7715, 73.0186, 41.3743



62.6639, 73.0186, 44.2216

Triad

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



70.7715, 73.0186, 41.3743



55.6365, 73.0186, 101.1794



83.7178, 73.0186, 109.3141

Complementary

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



70.7715, 73.0186, 41.3743



48.9129, 49.8985, 98.3202

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.



76.6066, 73.0186, 129.8354



70.7715, 73.0186, 41.3743



60.4881, 73.0186, 124.5063

Square

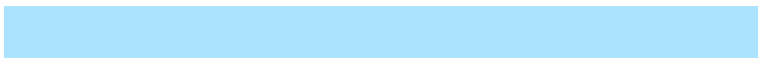
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7715, 73.0186, 41.3743



54.3498, 73.0186, 75.6715



68.0503, 73.0186, 135.8953



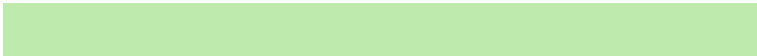
87.0045, 73.0186, 83.4655

Rectangle

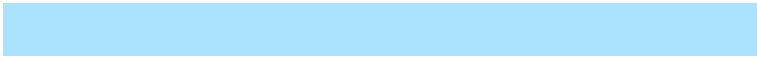
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7715, 73.0186, 41.3743



58.4296, 73.0186, 50.8743



68.0503, 73.0186, 135.8953



81.6686, 73.0186, 117.2562

Sweetspot

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



70.7733, 73.0220, 41.3758



87.8595, 92.3258, 85.8268



60.6475, 47.6095, 53.9107



18.6276, 19.5674, 17.8124



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.



70.7733, 73.0220, 41.3758



70.0260, 71.5269, 34.0463



75.2056, 89.2969, 44.2836



18.1958, 19.1274, 18.1953



28.1002, 25.1571, 3.3748



2.7012, 2.5273, 0.3454

Inverse Universe

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



48.9129, 49.8985, 98.3202



44.4051, 44.4445, 100.8460



45.5828, 38.8880, 96.3705



16.7707, 17.6183, 21.9021



11.0347, 7.4250, 48.8251



1.1165, 0.8767, 4.5535

Previews

White Background



This preview shows how the XYZ color 70.7715, 73.0186, 41.3743 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 70.7715, 73.0186, 41.3743 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 70.7715, 73.0186, 41.3743

Background



This preview shows how black text looks on a background with the XYZ color 70.7715, 73.0186, 41.3743.



This preview shows how white text looks on a background with the XYZ color 70.7715, 73.0186,

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

70.7715, 73.0186, 41.3743

Protanopia

68.1423, 73.2021, 42.4362

Deuteranopia

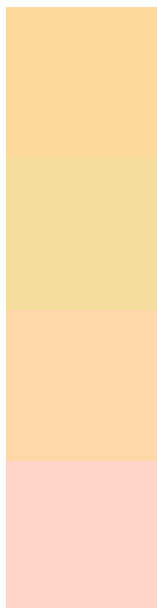
73.2783, 72.9560, 50.7772



Tritanopia

77.8772, 72.7894, 81.1794

Trichromacy



Original Color

70.7715, 73.0186, 41.3743

Protanomaly

69.1654, 73.3463, 41.9643

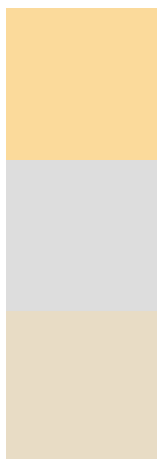
Deuteranomaly

72.4968, 73.0097, 47.3171

Tritanomaly

75.0926, 72.8295, 64.7433

Monochromacy



Original Color

70.7715, 73.0186, 41.3743

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9500, 72.3734, 63.1587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7715, 73.0186, 41.3743 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, 218, 155)` looks like.

```
.text, #text, p{  
    color:rgb(251, 218, 155)  
}
```

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, 218, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 218, 155) }
```

Border

The CSS property to change the border of an element to XYZ 70.7715, 73.0186, 41.3743 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, 218, 155) }
```


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

```
.border{ border-color:rgb(251, 218, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 218, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 218, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 218, 155);  
box-shadow:4px 4px 4px 4px rgb(251, 218,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7715, 73.0186, 41.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 218, 155) }
```

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

```
.background{ background-color: rgb(251,  
218, 155) }
```

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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