

Converting Colors

XYZ(73.4705, 78.8149, 41.0462)

Have a look what the booklet for
XYZ(73.4705, 78.8149, 41.0462)
contains.

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Color

**XYZ(73.4705, 78.8149,
41.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE598
RGB	251, 229, 152
RGB Percent	98%, 90%, 60%
CMY	0.0157, 0.1019, 0.4039
CMYK	0.00, 0.09, 0.39, 0.02
HSL	47°, 93%, 79%
HSV	47°, 39%, 98%
XYZ	73.4705, 78.8149, 41.0462
YIQ	226.8000, 37.8290, -19.2830

Conversions

Conversions Part 2

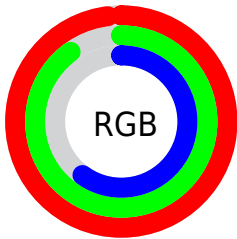
Format	Color
R_{YB}	180, 251, 152
Decimal	16508312
CIE _{Lab}	91.15, -2.98, 40.26
CIE _{LCh}	91, 40.375, 94.233
Yxy	78.8149, 0.3800, 0.4077
Android (android.graphics.Color)	4294698392 (0xFFFFBE598)
YUV	226.8000, -36.8764, 21.2234
Hunter-Lab	88.7778, -7.6384, 34.7318

Details

The XYZ color **73.4705, 78.8149, 41.0462** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.4971, 43.9111, 97.3445**, and the grayscale version is **73.1103, 76.9177, 83.7634**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **39.4286, 42.5297, 18.1875** is the 20% darker color. If you saturate the color by 10%, you get **70.1108, 75.0446, 30.8351**, and if you desaturate by 10%, it is **77.3187, 82.8657, 53.5680**.

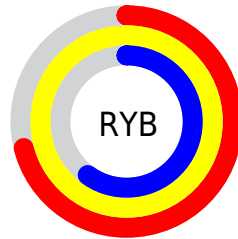
Distribution



Red (98%)

Green (90%)

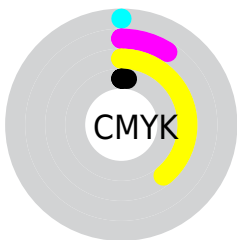
Blue (60%)



Red (71%)

Yellow (98%)

Blue (60%)

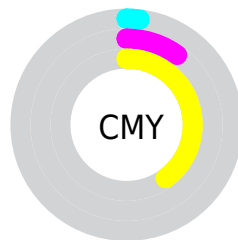


Cyan (0%)

Magenta (9%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (10%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4705, 78.8149, 41.0462 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 73.4705, 78.8149, 41.0462 by changing the saturation by 10% instead.


 73.4705, 78.8149,
41.0462


 73.4705, 78.8149,
41.0462


461.7225,
490.9299, 366.1960

 54.6505, 58.7436,
28.0352


 123.1445,
131.6982, 78.0085

 39.3547, 42.4068,
18.1129


 154.7291,
165.2791, 102.7968

 27.2178, 29.4199,
10.8608


191.2994,
204.1320, 132.3480

 17.8743, 19.3987,
5.8603

233.2207,
248.6412, 167.0806

 10.9589, 11.9587,
2.6929

280.8583,
299.1912, 207.4132

 6.1063, 6.7156,
0.9399

334.5775,

 2.9511, 3.2849,

356.1664, 253.7643

0.0000

394.7438,
419.9512, 306.5524

■ 1.1280, 1.2822,
0.0000

■ 0.0483, 0.1274,
0.0000

■ 73.4705, 78.8149,
41.0462

■ 73.4705, 78.8149,
41.0462

■ 70.1108, 75.0446,
30.8351

■ 77.3187, 82.8657,
53.5680

■ 67.2057, 71.5318,
22.7839

■ 81.6752, 87.1969,
68.5287

■ 64.7257, 68.2668,
16.7316

■ 86.5658, 91.8226,
86.0530

■ 62.6351, 65.2348,
12.4924

■ 92.0127, 96.7522,
106.2555

■ 60.8916, 62.4178,
9.8455

■ 93.5937, 99.2492,
108.8318

■ 59.4297, 59.7890,
8.4484

■ 59.3520, 59.6460,
8.3846

Harmonies

Analogous

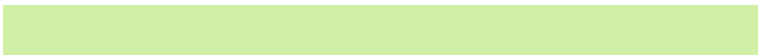
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7802, 78.8149, 44.4647



73.4705, 78.8149, 41.0462



64.3939, 78.8149, 47.1978

Triad

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



73.4705, 78.8149, 41.0462



59.8145, 78.8149, 121.5187



94.0330, 78.8149, 112.6722

Complementary

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



73.4705, 78.8149, 41.0462



45.4971, 43.9111, 97.3445

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.



86.5155, 78.8149, 141.2440



73.4705, 78.8149, 41.0462



66.6913, 78.8149, 147.1125

Square

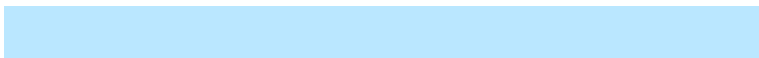
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4705, 78.8149, 41.0462



56.9774, 78.8149, 90.0362



76.3706, 78.8149, 155.0444



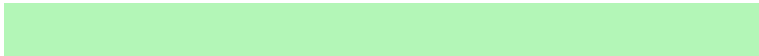
96.2611, 78.8149, 81.7299

Rectangle

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



73.4705, 78.8149, 41.0462



60.0746, 78.8149, 56.9520



76.3706, 78.8149, 155.0444



92.0092, 78.8149, 123.0817

Sweetspot

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



73.4725, 78.8185, 41.0478



88.3784, 93.9226, 84.2766



58.7601, 46.0656, 46.4044



18.7719, 19.9676, 17.5169



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.



73.4725, 78.8185, 41.0478



73.4702, 78.7063, 34.2966



71.0918, 87.2048, 42.7920



18.3811, 19.4981, 18.2571



31.3112, 31.5790, 4.4451



2.9776, 3.0801, 0.4376

Inverse Universe

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



45.4971, 43.9111, 97.3445



40.9467, 38.1452, 99.8124



47.0936, 38.9348, 96.2998



16.5957, 17.2683, 21.8437



9.9780, 5.3115, 48.4729



0.9994, 0.6424, 4.5145

Previews

White Background



This preview shows how the XYZ color 73.4705, 78.8149, 41.0462 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 73.4705, 78.8149, 41.0462 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 73.4705, 78.8149, 41.0462

Background



This preview shows how black text looks on a background with the XYZ color 73.4705, 78.8149, 41.0462.



This preview shows how white text looks on a background with the XYZ color 73.4705, 78.8149,

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

73.4705, 78.8149, 41.0462

Protanopia

73.0312, 79.0004, 41.1052

Deuteranopia

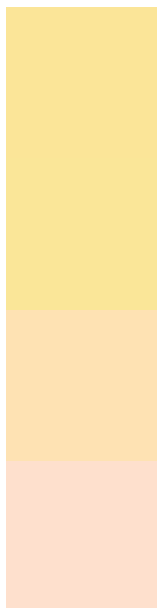
77.6333, 78.4664, 62.0927



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

73.4705, 78.8149, 41.0462

Protanomaly

73.3887, 79.1846, 41.1219

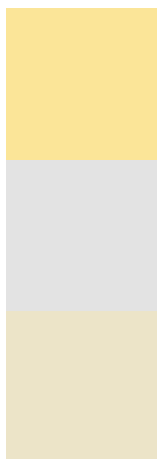
Deuteranomaly

76.2061, 78.7182, 53.8255

Tritanomaly

78.5482, 78.7899, 68.8256

Monochromacy



Original Color

73.4705, 78.8149, 41.0462

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7608, 77.4898, 65.7657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4705, 78.8149, 41.0462 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, 229, 152)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 152)  
}
```

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, 229, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 152) }
```

Border

The CSS property to change the border of an element to XYZ 73.4705, 78.8149, 41.0462 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, 229, 152) }
```


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

```
.border{ border-color:rgb(251, 229, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 152);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4705, 78.8149, 41.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 152) }
```

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

```
.background{ background-color: rgb(251,  
229, 152) }
```

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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