

Converting Colors

XYZ(72.2067, 73.7980, 41.2174)

Have a look what the booklet for
XYZ(72.2067, 73.7980, 41.2174)
contains.

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Color

**XYZ(72.1441, 73.7359,
41.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDA9A
RGB	255, 218, 154
RGB Percent	100%, 85%, 60%
CMY	0.0000, 0.1451, 0.3961
CMYK	0.00, 0.15, 0.40, 0.00
HSL	38°, 100%, 80%
HSV	38°, 40%, 100%
XYZ	72.1441, 73.7359, 41.0019
YIQ	221.7670, 42.5960, -12.0600

Conversions

Conversions Part 2

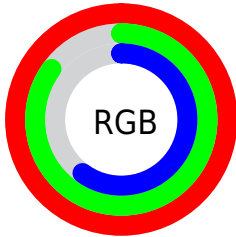
Format	Color
R _Y B	212, 255, 154
Decimal	16767642
CIE Lab	88.80, 4.38, 36.26
CIE LCh	89, 36.524, 83.106
Yxy	73.7359, 0.3860, 0.3946
Android (android.graphics.Color)	4294957722 (0xFFFFDA9A)
YUV	221.7670, -33.4091, 29.1453
Hunter-Lab	85.8696, -0.3035, 31.7983

Details

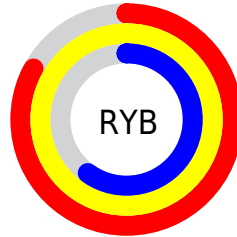
The XYZ color **72.1441, 73.7359, 41.0019** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.0066, 51.3498, 101.8834**, and the grayscale version is **69.4755, 73.0937, 79.5990**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **38.5214, 39.0240, 18.0725** is the 20% darker color. If you saturate the color by 10%, you get **67.8881, 68.2692, 30.1950**, and if you desaturate by 10%, it is **76.9915, 79.6630, 54.2332**.

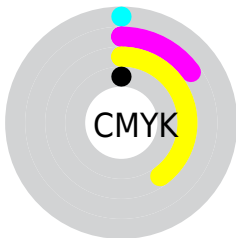
Distribution



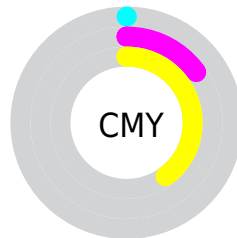
- Red (100%)
- Green (85%)
- Blue (60%)



- Red (83%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1441, 73.7359, 41.0019 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 72.1441, 73.7359, 41.0019 by changing the saturation by 10% instead.


 72.1441, 73.7359,
41.0019


 72.1441, 73.7359,
41.0019


457.1929,
473.5614, 366.0054

 53.5623, 54.5779,
28.0009


 121.2711,
124.5214, 77.9405

 38.4811, 39.0639,
18.0873


 152.5469,
156.9176, 102.7151

 26.5352, 26.8094,
10.8426


188.7849,
194.4954, 132.2513

 17.3592, 17.4301,
5.8482

230.3502,
237.6391, 166.9677

 10.5878, 10.5417,
2.6857

277.6083,
286.7332, 207.2827

 5.8557, 5.7595,
0.9362

330.9246,

 2.7973, 2.6994,

342.1620, 253.6150

0.0000

390.6643,
404.3099, 306.3831

■ 1.0475, 0.9769,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1441, 73.7359,
41.0019

■ 72.1441, 73.7359,
41.0019

■ 67.8881, 68.2692,
30.1950

■ 76.9915, 79.6630,
54.2332

■ 64.1868, 63.2365,
21.6554

■ 82.4532, 86.0550,
70.0235

■ 61.0078, 58.6239,
15.2146

■ 88.5574, 92.9292,
88.5028

■ 58.3118, 54.4120,
10.6783

95.0499, 100.0000,
108.9000

■ 56.0529, 50.5784,
7.8153

■ 54.1598, 47.0909,
6.2637

■ 54.0897, 46.9596,
6.2133

Harmonies

Analogous

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



80.7928, 73.7359, 47.3040



72.1441, 73.7359, 41.0019



63.6217, 73.7359, 43.3146

Triad

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



72.1441, 73.7359, 41.0019



55.5815, 73.7359, 100.9482



84.5777, 73.7359, 113.2045

Complementary

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



72.1441, 73.7359, 41.0019



50.0066, 51.3498, 101.8834

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.



76.9692, 73.7359, 133.9088



72.1441, 73.7359, 41.0019



60.3655, 73.7359, 125.8571

Square

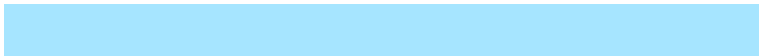
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1441, 73.7359, 41.0019



54.5251, 73.7359, 74.5827



68.0630, 73.7359, 138.9693



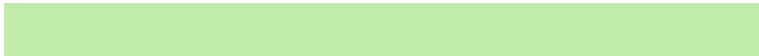
88.3519, 73.7359, 86.2726

Rectangle

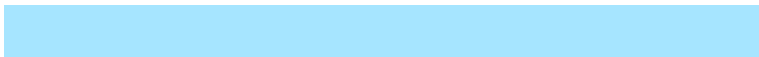
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1441, 73.7359, 41.0019



59.0968, 73.7359, 49.7280



68.0630, 73.7359, 138.9693



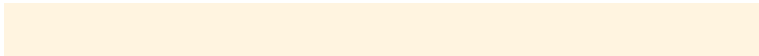
82.3545, 73.7359, 121.3354

Sweetspot

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



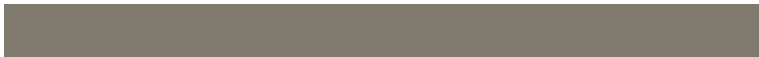
72.1459, 73.7393, 41.0034



87.0370, 91.2397, 83.8295



62.2037, 48.1350, 55.3227



18.4553, 19.3342, 17.4113



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.



72.1459, 73.7393, 41.0034



68.5340, 69.1184, 31.7747



78.0508, 92.6478, 44.3419



18.9691, 19.9063, 18.9869



28.4104, 24.8321, 3.2957



2.8705, 2.6263, 0.3556

Inverse Universe

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



50.0066, 51.3498, 101.8834



43.4675, 43.7894, 100.7690



45.6414, 38.5985, 99.6522



17.5478, 18.4671, 22.8896



11.6248, 8.1593, 50.3968



1.2317, 0.9941, 4.9402

Previews

White Background



This preview shows how the XYZ color 72.1441, 73.7359, 41.0019 looks on a white background.

Color Contrast Check

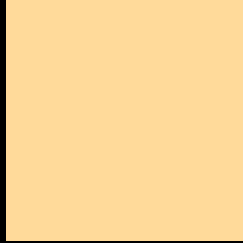
Large Text (above 18pt) WCAG AA × Fail

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 72.1441, 73.7359, 41.0019 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 72.1441, 73.7359, 41.0019

Background



This preview shows how black text looks on a background with the XYZ color 72.1441, 73.7359, 41.0019.



This preview shows how white text looks on a background with the XYZ color 72.1441, 73.7359,

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

72.1441, 73.7359, 41.0019

Protanopia

68.6641, 73.8764, 42.0931

Deuteranopia

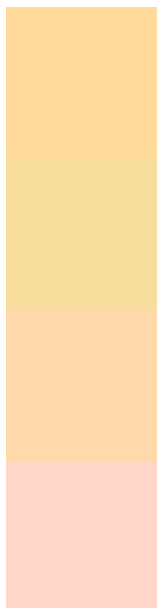
73.7317, 73.5461, 51.9047



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

72.1441, 73.7359, 41.0019

Protanomaly

69.7789, 73.6723, 41.5528

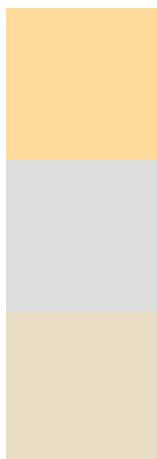
Deuteranomaly

73.2143, 73.7503, 47.9125

Tritanomaly

75.5954, 73.4767, 64.2309

Monochromacy



Original Color

72.1441, 73.7359, 41.0019

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8662, 73.2365, 63.2770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1441, 73.7359, 41.0019 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(255, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 154)  
}
```

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(255, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 154) }
```

Border

The CSS property to change the border of an element to XYZ 72.1441, 73.7359, 41.0019 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(255, 218, 154) }
```


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

```
.border{ border-color:rgb(255, 218, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1441, 73.7359, 41.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 154) }
```

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

```
.background{ background-color: rgb(255,  
218, 154) }
```

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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