

Converting Colors

XYZ(71.5318, 73.9349, 36.4087)

Have a look what the booklet for
XYZ(71.5318, 73.9349, 36.4087)
contains.

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Color

**XYZ(71.5294, 73.9062,
36.4819)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFDB8F |
| RGB | 255, 219, 143 |
| RGB Percent | 100%, 86%, 56% |
| CMY | 0.0000, 0.1412, 0.4392 |
| CMYK | 0.00, 0.14, 0.44, 0.00 |
| HSL | 41°, 100%, 78% |
| HSV | 41°, 44%, 100% |
| XYZ | 71.5294, 73.9062, 36.4819 |
| YIQ | 221.1000, 45.8520, -16.0040 |

Conversions

Conversions Part 2

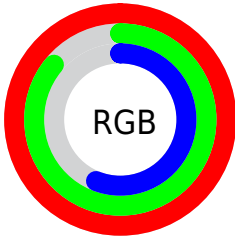
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 196, 255, 143 |
| Decimal | 16767887 |
| CIE _{Lab} | 88.88, 2.74, 41.91 |
| CIE _{LCh} | 89, 42.003, 86.263 |
| Yxy | 73.9062, 0.3932, 0.4063 |
| Android (android.graphics.Color) | 4294957967 (0xFFFFDB8F) |
| YUV | 221.1000, -38.5033, 29.7303 |
| Hunter-Lab | 85.9687, -1.9261, 35.0176 |

Details

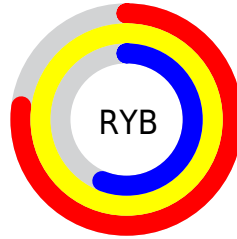
The XYZ color **71.5294, 73.9062, 36.4819** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.4972, 45.2981, 100.9529**, and the grayscale version is **69.0384, 72.6338, 79.0982**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **37.9287, 39.0420, 15.4343** is the 20% darker color. If you saturate the color by 10%, you get **67.7279, 69.0511, 26.7434**, and if you desaturate by 10%, it is **75.8789, 79.1544, 48.5707**.

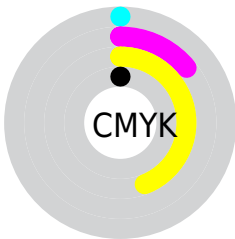
Distribution



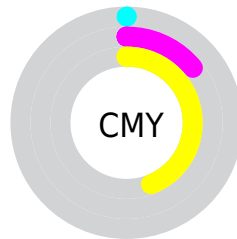
- Red (100%)
- Green (86%)
- Blue (56%)



- Red (77%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5294, 73.9062, 36.4819 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 71.5294, 73.9062, 36.4819 by changing the saturation by 10% instead.

 71.5294, 73.9062,
36.4819


 71.5294, 73.9062,
36.4819


455.0850,
474.1496, 346.1629

 53.0584, 54.7173,
24.5140


 120.4017,
124.7628, 70.9526

 38.0771, 39.1754,
15.4996


 151.5336,
157.1993, 94.2925

 26.2200, 26.8962,
9.0203


187.6167,
194.8205, 122.2601

 17.1218, 17.4953,
4.6574

229.0161,
238.0106, 155.2739

 10.4172, 10.5882,
1.9925

276.0973,
287.1542, 193.7526

 5.7408, 5.7907,
0.5507

329.2256,

 2.7273, 2.7182,

342.6357, 238.1146

0.0000

388.7664,
404.8393, 288.7785

■ 1.0112, 0.9865,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5294, 73.9062,
36.4819

■ 71.5294, 73.9062,
36.4819

■ 67.7279, 69.0511,
26.7434

■ 75.8789, 79.1544,
48.5707

■ 64.4372, 64.5637,
19.1916

■ 80.7998, 84.7991,
63.1495

■ 61.6239, 60.4307,
13.6486

■ 86.3202, 90.8568,
80.3525

■ 59.2468, 56.6334,
9.9067

■ 92.4651, 97.3396,
100.3029

■ 57.2564, 53.1492,
7.7120

95.0499, 99.9999,
108.9000

■ 56.1929, 51.1660,
6.9143

Harmonies

Analogous

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



81.6909, 73.9062, 42.2658



71.5294, 73.9062, 36.4819



61.9326, 73.9062, 39.9312

Triad

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



71.5294, 73.9062, 36.4819



54.1089, 73.9062, 107.9233



87.8193, 73.9062, 115.8055

Complementary

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



71.5294, 73.9062, 36.4819



45.4972, 45.2981, 100.9529

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.



79.2711, 73.9062, 141.9621



71.5294, 73.9062, 36.4819



59.9226, 73.9062, 136.6931

Square

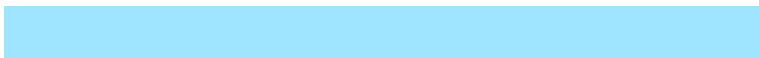
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5294, 73.9062, 36.4819



52.4624, 73.9062, 76.8719



68.9773, 73.9062, 150.4018



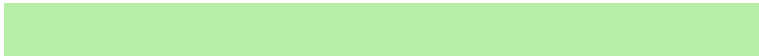
91.6520, 73.9062, 84.1813

Rectangle

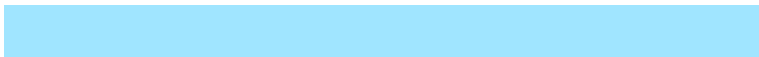
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5294, 73.9062, 36.4819



57.0267, 73.9062, 47.5954



68.9773, 73.9062, 150.4018



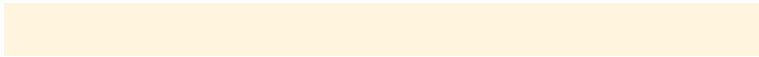
85.3640, 73.9062, 125.7988

Sweetspot

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



71.5312, 73.9097, 36.4834



86.8597, 91.4360, 82.0728



59.3350, 44.2145, 48.7660



18.3167, 19.2753, 16.6926



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.



71.5312, 73.9097, 36.4834



68.0563, 69.4829, 27.5462



75.4209, 91.3930, 39.6530



19.0402, 20.0486, 19.0106



29.5032, 27.0175, 3.6599



2.9716, 2.8285, 0.3893

Inverse Universe

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



45.4972, 45.2981, 100.9529



38.9226, 37.4976, 99.7941



42.7058, 34.5123, 99.0181



17.4795, 18.3307, 22.8669



11.1251, 7.1597, 50.2302



1.1772, 0.8850, 4.9221

Previews

White Background



This preview shows how the XYZ color 71.5294, 73.9062, 36.4819 looks on a white background.

Color Contrast Check

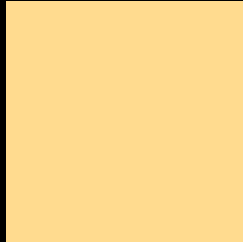
Large Text (above 18pt) WCAG AA × Fail

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 71.5294, 73.9062, 36.4819 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 71.5294, 73.9062, 36.4819

Background



This preview shows how black text looks on a background with the XYZ color 71.5294, 73.9062, 36.4819.



This preview shows how white text looks on a background with the XYZ color 71.5294, 73.9062,

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

71.5294, 73.9062, 36.4819

Protanopia

68.4607, 73.8744, 37.4390

Deuteranopia

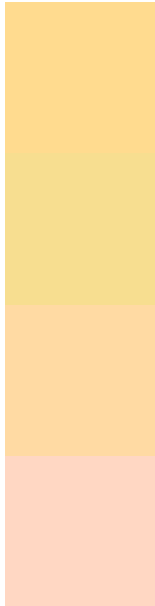
73.7907, 73.9809, 50.9480



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

71.5294, 73.9062, 36.4819

Protanomaly

69.5131, 74.0303, 37.0111

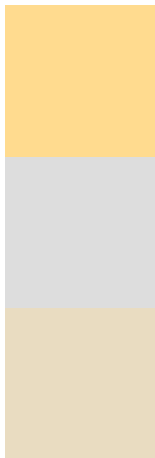
Deuteranomaly

72.9223, 74.0472, 45.0994

Tritanomaly

75.3908, 73.8010, 61.9013

Monochromacy



Original Color

71.5294, 73.9062, 36.4819

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8231, 72.3603, 60.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5294, 73.9062, 36.4819 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, 219, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 143)  
}
```

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, 219, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 143) }
```

Border

The CSS property to change the border of an element to XYZ 71.5294, 73.9062, 36.4819 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, 219, 143) }
```


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

```
.border{ border-color:rgb(255, 219, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5294, 73.9062, 36.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 143) }
```

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

```
.background{ background-color: rgb(255,  
219, 143) }
```

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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