

Converting Colors

XYZ(125.5440, 100.0000,
44.8504)

Have a look what the booklet for
XYZ(125.5440, 100.0000, 44.8504)
contains.

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Color

**XYZ(71.7120, 72.3295,
42.5291)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD79E |
| RGB | 255, 215, 158 |
| RGB Percent | 100%, 84%, 62% |
| CMY | 0.0000, 0.1568, 0.3804 |
| CMYK | 0.00, 0.16, 0.38, 0.00 |
| HSL | 35°, 100%, 81% |
| HSV | 35°, 38%, 100% |
| XYZ | 71.7120, 72.3295, 42.5291 |
| YIQ | 220.4620, 42.1370, -9.2470 |

Conversions

Conversions Part 2

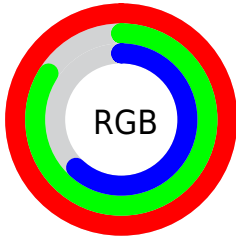
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 226, 255, 158 |
| Decimal | 16766878 |
| CIE Lab | 88.13, 6.36, 33.33 |
| CIE LCh | 88, 33.934, 79.194 |
| Yxy | 72.3295, 0.3844, 0.3877 |
| Android (android.graphics.Color) | 4294956958 (0xFFFFD79E) |
| YUV | 220.4620, -30.7938, 30.2898 |
| Hunter-Lab | 85.0468, 1.6806, 29.8837 |

Details

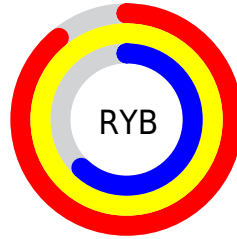
The XYZ color **71.7120, 72.3295, 42.5291** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.3440, 54.8754, 102.4409**, and the grayscale version is **68.5399, 72.1093, 78.5270**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **38.1983, 38.0525, 18.9673** is the 20% darker color. If you saturate the color by 10%, you get **67.1494, 66.3600, 31.2799**, and if you desaturate by 10%, it is **76.9057, 78.8321, 56.2369**.

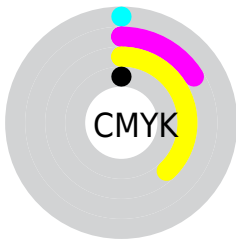
Distribution



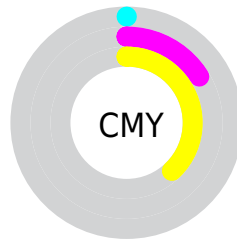
- Red (100%)
- Green (84%)
- Blue (62%)



- Red (89%)
- 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 71.7120, 72.3295, 42.5291 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 71.7120, 72.3295, 42.5291 by changing the saturation by 10% instead.


 71.7120, 72.3295,
42.5291


 71.7120, 72.3295,
42.5291


455.7118,
468.6877, 372.5358

 53.2081, 53.4279,
29.1872


 120.6600,
122.5249, 80.2785

 38.1970, 38.1445,
18.9756


 151.8348,
154.5874, 105.5230

 26.3136, 26.0948,
11.4760


187.9639,
191.8057, 135.5721

 17.1923, 16.8946,
6.2698

229.4127,
234.5642, 170.8444

 10.4678, 10.1594,
2.9384

276.5465,
283.2473, 211.7584

 5.7749, 5.5048,
1.0633

329.7307,

 2.7480, 2.5464,

338.2393, 258.7325

0.0000

389.3307,
399.9246, 312.1855

■ 1.0220, 0.8998,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7120, 72.3295,
42.5291

■ 71.7120, 72.3295,
42.5291

■ 67.1494, 66.3600,
31.2799

■ 76.9057, 78.8321,
56.2369

■ 63.1810, 60.8956,
22.3345

■ 82.7542, 85.8743,
72.5367

■ 59.7736, 55.9206,
15.5270

■ 89.2864, 93.4751,
91.5572

■ 56.8880, 51.4137,
10.6672

95.0500, 100.0000,
108.9000

■ 54.4782, 47.3511,
7.5305

■ 52.4831, 43.7023,
5.8129

■ 52.1241, 43.0281,
5.5580

Harmonies

Analogous

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



79.4488, 72.3295, 49.5574



71.7120, 72.3295, 42.5291



63.7468, 72.3295, 43.6602

Triad

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



71.7120, 72.3295, 42.5291



55.0472, 72.3295, 94.3681



81.2383, 72.3295, 111.6911

Complementary

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



71.7120, 72.3295, 42.5291



52.3440, 54.8754, 102.4409

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.



74.0021, 72.3295, 128.9060



71.7120, 72.3295, 42.5291



59.0522, 72.3295, 117.6241

Square

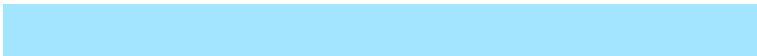
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7120, 72.3295, 42.5291



54.5397, 72.3295, 70.6755



65.8649, 72.3295, 131.2685



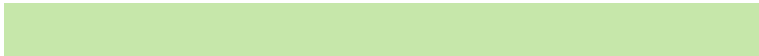
85.2293, 72.3295, 87.4270

Rectangle

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



71.7120, 72.3295, 42.5291



59.3562, 72.3295, 48.9671



65.8649, 72.3295, 131.2685



79.0795, 72.3295, 118.6819

Sweetspot

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



71.7138, 72.3329, 42.5306



87.2790, 91.1649, 85.6334



63.7085, 49.8109, 59.9358



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.



71.7138, 72.3329, 42.5306



68.0304, 67.5356, 33.3811



80.2602, 93.7477, 46.2136



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.



52.3440, 54.8754, 102.4409



46.0541, 47.7426, 101.3957



46.0209, 39.7906, 99.8625



17.6182, 18.6079, 22.9131



12.2170, 9.3436, 50.5942



1.2941, 1.1188, 4.9610

Previews

White Background



This preview shows how the XYZ color 71.7120, 72.3295, 42.5291 looks on a white background.

Color Contrast Check

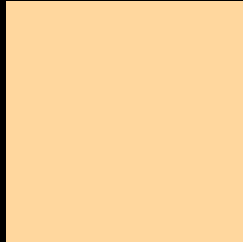
Large Text (above 18pt) WCAG AA × Fail

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 71.7120, 72.3295, 42.5291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

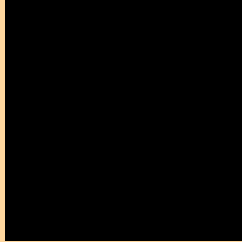
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7120, 72.3295, 42.5291

Background



This preview shows how black text looks on a background with the XYZ color 71.7120, 72.3295, 42.5291.



This preview shows how white text looks on a background with the XYZ color 71.7120, 72.3295,

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

71.7120, 72.3295, 42.5291

Protanopia

67.5494, 72.4633, 44.1448

Deuteranopia

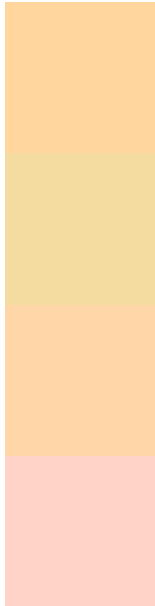
72.8294, 72.3703, 49.6655



Tritanopia

77.2253, 72.1349, 78.9604

Trichromacy



Original Color

71.7120, 72.3295, 42.5291

Protanomaly

68.9849, 72.4342, 43.6030

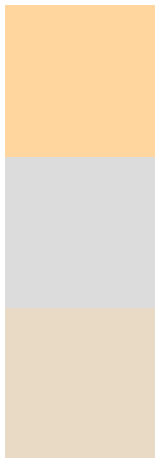
Deuteranomaly

72.3545, 72.1803, 47.1645

Tritanomaly

74.8431, 71.9721, 63.9802

Monochromacy



Original Color

71.7120, 72.3295, 42.5291

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7537, 71.4977, 63.0000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7120, 72.3295, 42.5291 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, 215, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 158)  
}
```

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, 215, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 158) }
```

Border

The CSS property to change the border of an element to XYZ 71.7120, 72.3295, 42.5291 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, 215, 158) }
```


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

```
.border{ border-color:rgb(255, 215, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7120, 72.3295, 42.5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 158) }
```

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

```
.background{ background-color: rgb(255,  
215, 158) }
```

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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