

Converting Colors

XYZ(71.6527, 74.6186, 42.6365)

Have a look what the booklet for
XYZ(71.6527, 74.6186, 42.6365)
contains.

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Color

**XYZ(71.7259, 74.6565,
42.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDD9D
RGB	251, 221, 157
RGB Percent	98%, 87%, 62%
CMY	0.0157, 0.1333, 0.3843
CMYK	0.00, 0.12, 0.37, 0.02
HSL	41°, 92%, 80%
HSV	41°, 37%, 98%
XYZ	71.7259, 74.6565, 42.5281
YIQ	222.6740, 38.4240, -13.5440

Conversions

Conversions Part 2

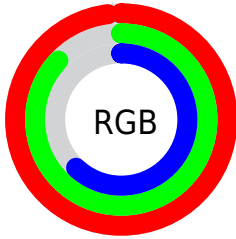
Format	Color
RYB	201, 251, 157
Decimal	16506269
CIELab	89.23, 1.63, 35.24
CIELCh	89, 35.276, 87.354
Yxy	74.6565, 0.3797, 0.3952
Android (android.graphics.Color)	4294696349 (0xFFFBDD9D)
YUV	222.6740, -32.3773, 24.8419
Hunter-Lab	86.4040, -3.0301, 31.3002

Details

The XYZ color **71.7259, 74.6565, 42.5281** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0870, 49.6721, 98.2671**, and the grayscale version is **70.1129, 73.7642, 80.3292**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **38.1783, 39.6298, 19.0017** is the 20% darker color. If you saturate the color by 10%, you get **67.7354, 69.7597, 31.6897**, and if you desaturate by 10%, it is **76.2613, 79.9381, 55.7216**.

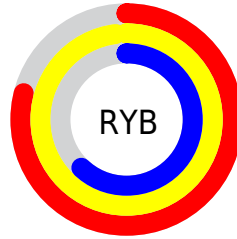
Distribution



Red (98%)

Green (87%)

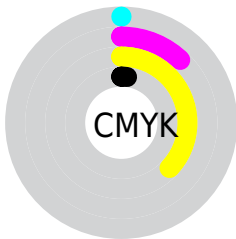
Blue (62%)



Red (79%)

Yellow (98%)

Blue (62%)

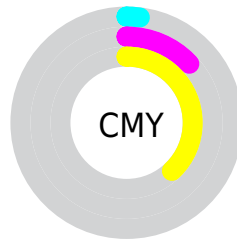


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7259, 74.6565, 42.5281 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 71.7259, 74.6565, 42.5281 by changing the saturation by 10% instead.


 71.7259, 74.6565,
42.5281


 71.7259, 74.6565,
42.5281

455.7594,
476.7361, 372.5315

 53.2195, 55.3315,
29.1864


 120.6797,
125.8260, 80.2770

 38.2062, 39.6672,
18.9751

 151.8577,
158.4393, 105.5212

 26.3207, 27.2792,
11.4756


187.9903,
196.2509, 135.5700

 17.1976, 17.7830,
6.2695

229.4429,
239.6451, 170.8419

 10.4717, 10.7943,
2.9382

276.5807,
289.0063, 211.7554

 5.7775, 5.9287,
1.0632

329.7692,

 2.7496, 2.8018,

344.7189, 258.7292

0.0000

389.3736,
407.1674, 312.1817

■ 1.0228, 1.0291,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7259, 74.6565,
42.5281

■ 71.7259, 74.6565,
42.5281

■ 67.7354, 69.7597,
31.6897

■ 76.2613, 79.9381,
55.7216

■ 64.2556, 65.2237,
23.0582

■ 81.3621, 85.6067,
71.3967

■ 61.2569, 61.0370,
16.4761

■ 87.0547, 91.6778,
89.6765

■ 58.7035, 57.1831,
11.7625

■ 92.9724, 98.0067,
108.6248

■ 56.5536, 53.6428,
8.7047

■ 93.5936, 99.2492,
108.8318

■ 54.7531, 50.3921,
7.0247

■ 54.3294, 49.6008,
6.7104

Harmonies

Analogous

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



80.2697, 74.6565, 47.5440



71.7259, 74.6565, 42.5281



63.6203, 74.6565, 46.0293

Triad

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



71.7259, 74.6565, 42.5281



57.2466, 74.6565, 105.0784



85.8317, 74.6565, 109.6424

Complementary

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



71.7259, 74.6565, 42.5281



49.0870, 49.6721, 98.2671

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.



78.8409, 74.6565, 131.0919



71.7259, 74.6565, 42.5281



62.3972, 74.6565, 128.1043

Square

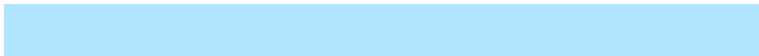
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7259, 74.6565, 42.5281



55.6723, 74.6565, 79.1187



70.1971, 74.6565, 138.4464



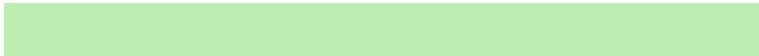
88.8148, 74.6565, 83.4971

Rectangle

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



71.7259, 74.6565, 42.5281



59.4646, 74.6565, 53.2118



70.1971, 74.6565, 138.4464



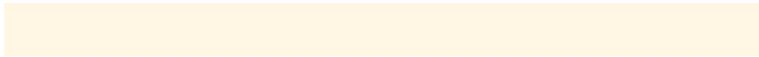
83.8462, 74.6565, 117.8268

Sweetspot

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



71.7278, 74.6600, 42.5296



88.0691, 92.7450, 85.8967



60.9542, 48.2692, 53.8706



18.6777, 19.6675, 17.8291



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.



71.7278, 74.6600, 42.5296



71.1634, 73.5035, 35.3446



74.9543, 89.1476, 45.1560



18.2331, 19.2020, 18.2078



28.6950, 26.3466, 3.5730



2.7532, 2.6312, 0.3628

Inverse Universe

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



49.0870, 49.6721, 98.2671



44.6029, 44.2082, 100.7900



46.6303, 39.9262, 96.5155



16.7351, 17.5470, 21.8902



10.7797, 6.9150, 48.7401



1.0896, 0.8229, 4.5446

Previews

White Background



This preview shows how the XYZ color 71.7259, 74.6565, 42.5281 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 71.7259, 74.6565, 42.5281 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 71.7259, 74.6565, 42.5281

Background



This preview shows how black text looks on a background with the XYZ color 71.7259, 74.6565, 42.5281.



This preview shows how white text looks on a background with the XYZ color 71.7259, 74.6565,

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

71.7259, 74.6565, 42.5281

Protanopia

69.4452, 74.6572, 43.0979

Deuteranopia

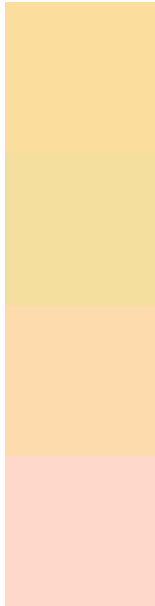
74.6519, 74.7390, 54.2076



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

71.7259, 74.6565, 42.5281

Protanomaly

70.2154, 74.6565, 43.0571

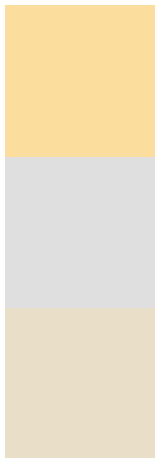
Deuteranomaly

73.6510, 74.7124, 49.5688

Tritanomaly

76.0896, 74.4468, 66.2364

Monochromacy



Original Color

71.7259, 74.6565, 42.5281

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0344, 73.6897, 64.5652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7259, 74.6565, 42.5281 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, 221, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 221, 157)  
}
```

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, 221, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 221, 157) }
```

Border

The CSS property to change the border of an element to XYZ 71.7259, 74.6565, 42.5281 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, 221, 157) }
```


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

```
.border{ border-color:rgb(251, 221, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 221, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 221, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 221, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 221,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7259, 74.6565, 42.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 221, 157) }
```

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

```
.background{ background-color: rgb(251,  
221, 157) }
```

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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