

Converting Colors

XYZ(87.5312, 82.8218, 43.9868)

Have a look what the booklet for
XYZ(87.5312, 82.8218, 43.9868)
contains.

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Color

**XYZ(73.3545, 75.4761,
43.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD9F
RGB	255, 221, 159
RGB Percent	100%, 87%, 62%
CMY	0.0000, 0.1333, 0.3765
CMYK	0.00, 0.13, 0.38, 0.00
HSL	39°, 100%, 81%
HSV	39°, 38%, 100%
XYZ	73.3545, 75.4761, 43.5030
YIQ	224.0980, 40.1660, -12.0740

Conversions

Conversions Part 2

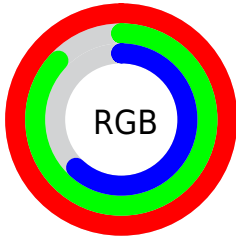
Format	Color
R _Y B	212, 255, 159
Decimal	16768415
CIE Lab	89.62, 3.39, 34.79
CIE LCh	90, 34.956, 84.427
Yxy	75.4761, 0.3814, 0.3924
Android (android.graphics.Color)	4294958495 (0xFFFFDD9F)
YUV	224.0980, -32.0933, 27.1011
Hunter-Lab	86.8770, -1.3184, 31.1249

Details

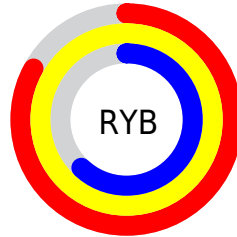
The XYZ color **73.3545, 75.4761, 43.5030** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4175, 52.7291, 102.0755**, and the grayscale version is **71.1253, 74.8294, 81.4892**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **39.3160, 40.2043, 19.5979** is the 20% darker color. If you saturate the color by 10%, you get **69.0461, 70.0427, 32.2531**, and if you desaturate by 10%, it is **78.2513, 81.3556, 57.2027**.

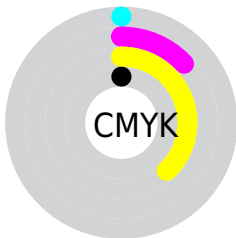
Distribution



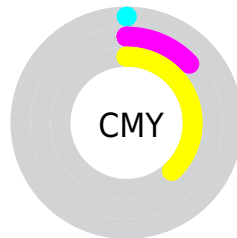
- Red (100%)
- Green (87%)
- Blue (62%)



- Red (83%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3545, 75.4761, 43.5030 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 73.3545, 75.4761, 43.5030 by changing the saturation by 10% instead.


 73.3545, 75.4761,
43.5030


 73.3545, 75.4761,
43.5030


461.3273,
479.5524, 376.6581

 54.5553, 56.0030,
29.9457


 122.9808,
126.9861, 81.7638

 39.2782, 40.2053,
19.5456


 154.5385,
159.7918, 107.3044

 27.1579, 27.6987,
11.8844


191.0798,
197.8104, 137.6765

 17.8291, 18.0986,
6.5434

232.9701,
241.4265, 173.2986

 10.9263, 11.0208,
3.1042

280.5746,
291.0243, 214.5893

 6.0842, 6.0809,
1.1481

334.2587,

 2.9375, 2.8943,

346.9883, 261.9670

0.0000

394.3879,
409.7029, 315.8505

■ 1.1208, 1.0768,
0.0000

■ 0.0424, 0.0000,
0.0000

■ 73.3545, 75.4761,
43.5030

■ 73.3545, 75.4761,
43.5030

■ 69.0461, 70.0427,
32.2531

■ 78.2513, 81.3556,
57.2027

■ 65.2903, 65.0296,
23.2987

■ 83.7589, 87.6848,
73.4844

■ 62.0555, 60.4236,
16.4754

■ 89.9049, 94.4808,
92.4762

■ 59.3040, 56.2063,
11.5944

95.0500, 100.0000,
108.9000

■ 56.9915, 52.3565,
8.4333

■ 55.0601, 48.8476,
6.6989

■ 54.6416, 48.0631,
6.3972

Harmonies

Analogous

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



81.7870, 75.4761, 49.3831



73.3545, 75.4761, 43.5030



65.1185, 75.4761, 46.1821

Triad

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



73.3545, 75.4761, 43.5030



57.7189, 75.4761, 103.3475



86.0363, 75.4761, 112.9019

Complementary

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



73.3545, 75.4761, 43.5030



51.4175, 52.7291, 102.0755

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.



78.7910, 75.4761, 133.2424



73.3545, 75.4761, 43.5030



62.5473, 75.4761, 126.9997

Square

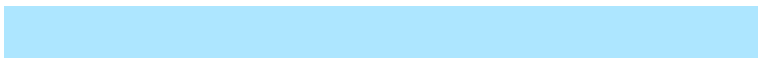
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3545, 75.4761, 43.5030



56.5153, 75.4761, 77.6699



70.1450, 75.4761, 138.8577



89.4742, 75.4761, 86.8627

Rectangle

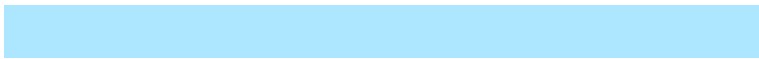
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3545, 75.4761, 43.5030



60.7805, 75.4761, 52.8038



70.1450, 75.4761, 138.8577



83.9387, 75.4761, 120.8245

Sweetspot

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



73.3563, 75.4796, 43.5045



87.7710, 92.1488, 85.7973



63.3987, 49.9611, 57.4595



18.6064, 19.5251, 17.8053



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

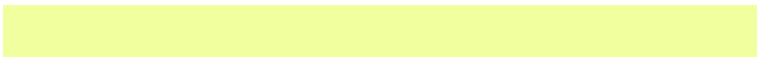
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3563, 75.4796, 43.5045



70.1314, 71.4395, 35.0006



78.7049, 92.9360, 46.5921



18.9883, 19.9448, 18.9933



28.6973, 25.4058, 3.3913



2.8972, 2.6797, 0.3645

Inverse Universe

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



51.4175, 52.7291, 102.0755



45.4076, 45.8177, 101.0582



47.4183, 40.7652, 99.9770



17.5292, 18.4301, 22.8834



11.4819, 7.8734, 50.3491



1.2163, 0.9633, 4.9351

Previews

White Background



This preview shows how the XYZ color 73.3545, 75.4761, 43.5030 looks on a white background.

Color Contrast Check

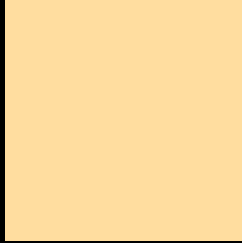
Large Text (above 18pt) WCAG AA × Fail

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 73.3545, 75.4761, 43.5030 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 73.3545, 75.4761, 43.5030

Background



This preview shows how black text looks on a background with the XYZ color 73.3545, 75.4761, 43.5030.



This preview shows how white text looks on a background with the XYZ color 73.3545, 75.4761,

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

73.3545, 75.4761, 43.5030

Protanopia

70.3204, 75.4783, 44.5807

Deuteranopia

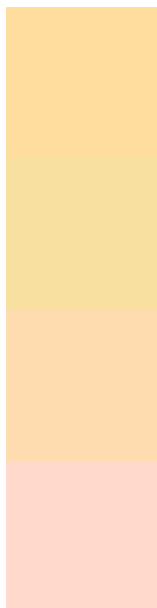
75.3285, 75.4258, 56.4873



Tritanopia

79.5440, 75.4623, 83.7720

Trichromacy



Original Color

73.3545, 75.4761, 43.5030

Protanomaly

71.3586, 75.6235, 44.0935

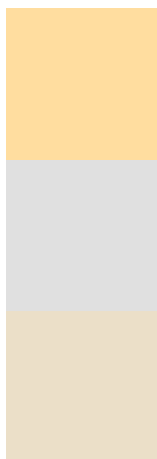
Deuteranomaly

74.6697, 75.5810, 51.7274

Tritanomaly

76.8323, 75.1975, 66.9650

Monochromacy



Original Color

73.3545, 75.4761, 43.5030

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0740, 74.6077, 65.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3545, 75.4761, 43.5030 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, 221, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 159)  
}
```

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, 221, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 159) }
```

Border

The CSS property to change the border of an element to XYZ 73.3545, 75.4761, 43.5030 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, 221, 159) }
```


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

```
.border{ border-color:rgb(255, 221, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3545, 75.4761, 43.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 159) }
```

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

```
.background{ background-color: rgb(255,  
221, 159) }
```

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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