

Converting Colors

XYZ(74.5216, 79.7924, 54.3372)

Have a look what the booklet for
XYZ(74.5216, 79.7924, 54.3372)
contains.

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Color

**XYZ(74.7186, 79.9993,
54.1511)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E7B3
RGB	246, 231, 179
RGB Percent	96%, 91%, 70%
CMY	0.0353, 0.0941, 0.2980
CMYK	0.00, 0.06, 0.27, 0.04
HSL	47°, 79%, 83%
HSV	47°, 27%, 96%
XYZ	74.7186, 79.9993, 54.1511
YIQ	229.5570, 25.6320, -12.9920

Conversions

Conversions Part 2

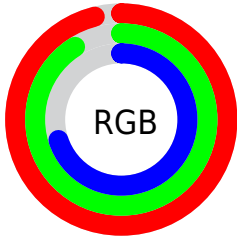
Format	Color
RYB	198, 246, 179
Decimal	16181171
CIELab	91.68, -2.70, 27.21
CIELCh	92, 27.339, 95.664
Yxy	79.9993, 0.3577, 0.3830
Android (android.graphics.Color)	4294371251 (0xFFFF6E7B3)
YUV	229.5570, -24.9246, 14.4205
Hunter-Lab	89.4423, -7.4082, 26.7137

Details

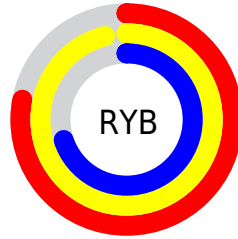
The XYZ color **74.7186, 79.9993, 54.1511** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.5164, 54.8196, 94.8969**, and the grayscale version is **75.0531, 78.9618, 85.9894**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **40.2775, 43.3758, 25.9882** is the 20% darker color. If you saturate the color by 10%, you get **70.9332, 76.0610, 41.6903**, and if you desaturate by 10%, it is **79.0005, 84.2194, 68.9690**.

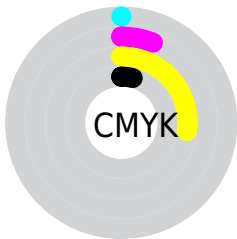
Distribution



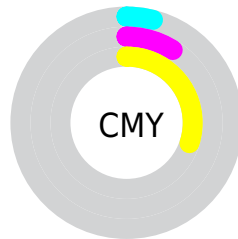
- Red (96%)
- Green (91%)
- Blue (70%)



- Red (78%)
- Yellow (96%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7186, 79.9993, 54.1511 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 74.7186, 79.9993, 54.1511 by changing the saturation by 10% instead.


 74.7186, 79.9993,
54.1511

 74.7186, 79.9993,
54.1511


465.9619,
494.9305, 419.8768

 55.6757, 59.7178,
38.3285


 124.9040,
133.3647, 97.7547

 40.1790, 43.1912,
25.9339


156.7772,
167.2175, 126.3728

 27.8630, 30.0352,
16.5489


193.6580,
206.3627, 160.0931

 18.3623, 19.8653,
9.7548

235.9116,
251.1848, 199.3341

 11.3117, 12.2972,
5.1332

283.9035,
302.0683, 244.5145

 6.3457, 6.9464,
2.2655

337.9989,

 3.0991, 3.4286,

359.3975, 296.0527

0.7118

398.5633,
423.5567, 354.3673

■ 1.2064, 1.3594,
0.0000

■ 0.1114, 0.1865,
0.0000

■ 74.7186, 79.9993,
54.1511

■ 74.7186, 79.9993,
54.1511

■ 70.9332, 76.0610,
41.6903

■ 79.0005, 84.2194,
68.9690

■ 67.6141, 72.3832,
31.4572

■ 83.7950, 88.7200,
86.2541

■ 64.7371, 68.9584,
23.3174

■ 89.1250, 93.5137,
106.1158

■ 62.2731, 65.7743,
17.1201

■ 91.1902, 97.0811,
108.5400

■ 60.1892, 62.8169,
12.6942

■ 91.8161, 98.3329,
108.7487

■ 58.4468, 60.0700,
9.8384

■ 56.9960, 57.5129,
8.2924

■ 56.6251, 56.8309,
7.9850

Harmonies

Analogous

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



81.7092, 79.9993, 56.5390



74.7186, 79.9993, 54.1511



68.4694, 79.9993, 59.4341

Triad

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



74.7186, 79.9993, 54.1511



65.6350, 79.9993, 111.5214



88.9477, 79.9993, 103.9442

Complementary

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



74.7186, 79.9993, 54.1511



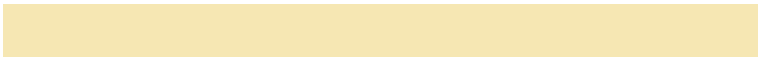
54.5164, 54.8196, 94.8969

Split Complementary

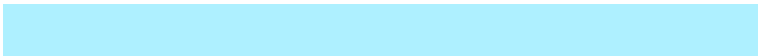
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1425, 79.9993, 122.2574



74.7186, 79.9993, 54.1511



70.6335, 79.9993, 127.0801

Square

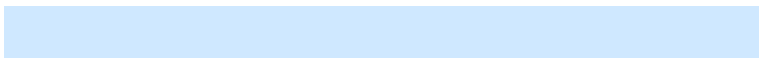
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7186, 79.9993, 54.1511



63.4350, 79.9993, 90.9587



77.3707, 79.9993, 131.2820



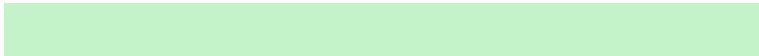
90.2062, 79.9993, 83.3629

Rectangle

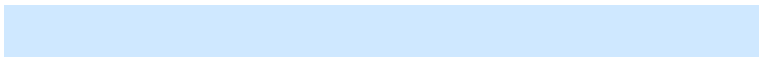
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7186, 79.9993, 54.1511



65.4732, 79.9993, 67.1543



77.3707, 79.9993, 131.2820



87.6799, 79.9993, 110.6623

Sweetspot

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



74.7207, 80.0029, 54.1528



90.4984, 95.8766, 92.0309



63.9357, 55.7575, 58.8061



19.1961, 20.3605, 19.0626



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

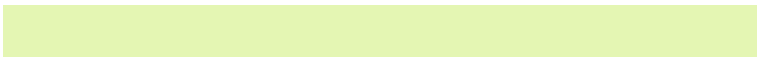
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7207, 80.0029, 54.1528



78.6201, 84.2819, 50.5775



73.1302, 85.6824, 55.3329



17.5817, 18.6476, 17.4703



30.3338, 30.5532, 4.2986



2.7415, 2.8362, 0.4029

Inverse Universe

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



54.5164, 54.8196, 94.8969



53.1567, 52.5507, 101.9494



55.7465, 50.7474, 94.0461



15.8819, 16.5281, 20.8957



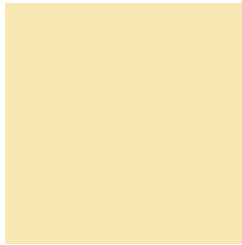
9.6948, 5.1835, 47.0276



0.9259, 0.6032, 4.1579

Previews

White Background



This preview shows how the XYZ color 74.7186, 79.9993, 54.1511 looks on a white background.

Color Contrast Check

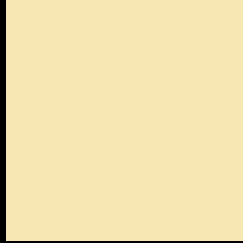
Large Text (above 18pt) WCAG AA × Fail

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 74.7186, 79.9993, 54.1511 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 74.7186, 79.9993, 54.1511

Background



This preview shows how black text looks on a background with the XYZ color 74.7186, 79.9993, 54.1511.

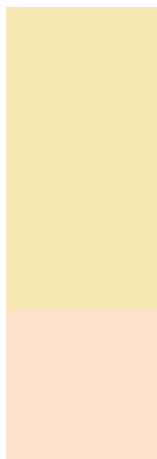


This preview shows how white text looks on a background with the XYZ color 74.7186, 79.9993,

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

74.7186, 79.9993, 54.1511

Protanopia

75.0704, 80.1807, 54.1676

Deuteranopia

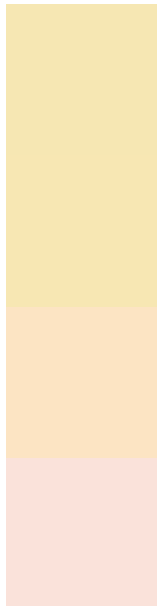
79.3354, 80.0123, 68.3892



Tritanopia

82.6239, 79.9493, 93.5151

Trichromacy



Original Color

74.7186, 79.9993, 54.1511

Protanomaly

75.0704, 80.1807, 54.1676

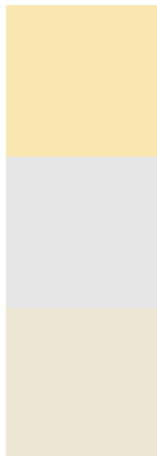
Deuteranomaly

77.7386, 80.1224, 62.9977

Tritanomaly

79.2756, 79.7787, 77.5502

Monochromacy



Original Color

74.7186, 79.9993, 54.1511

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6468, 79.1296, 72.9673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7186, 79.9993, 54.1511 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(246, 231, 179)` looks like.

```
.text, #text, p{  
    color:rgb(246, 231, 179)  
}
```

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(246, 231, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 179) }
```

Border

The CSS property to change the border of an element to XYZ 74.7186, 79.9993, 54.1511 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(246, 231, 179) }
```


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

```
.border{ border-color:rgb(246, 231, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 231, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 179);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7186, 79.9993, 54.1511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 179) }
```

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

```
.background{ background-color: rgb(246,  
231, 179) }
```

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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