

Converting Colors

XYZ(79.0785, 84.6462, 51.9061)

Have a look what the booklet for
XYZ(79.0785, 84.6462, 51.9061)
contains.

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Color

**XYZ(79.0670, 84.8455,
51.7447)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDAD
RGB	255, 237, 173
RGB Percent	100%, 93%, 68%
CMY	0.0000, 0.0706, 0.3216
CMYK	0.00, 0.07, 0.32, 0.00
HSL	47°, 100%, 84%
HSV	47°, 32%, 100%
XYZ	79.0670, 84.8455, 51.7447
YIQ	235.0860, 31.2720, -16.0880

Conversions

Conversions Part 2

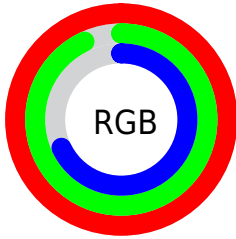
Format	Color
R _Y B	196, 255, 173
Decimal	16772525
CIE Lab	93.82, -3.10, 33.26
CIE LCh	94, 33.409, 95.331
Yxy	84.8455, 0.3666, 0.3934
Android (android.graphics.Color)	4294962605 (0xFFFFEAD)
YUV	235.0860, -30.6084, 17.4646
Hunter-Lab	92.1116, -7.9741, 31.1713

Details

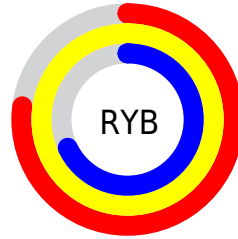
The XYZ color **79.0670, 84.8455, 51.7447** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.9139, 53.3642, 102.0665**, and the grayscale version is **79.2420, 83.3688, 90.7886**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **42.9400, 46.2741, 24.4379** is the 20% darker color. If you saturate the color by 10%, you get **75.2370, 80.7644, 39.4345**, and if you desaturate by 10%, it is **83.4227, 89.2238, 66.5554**.

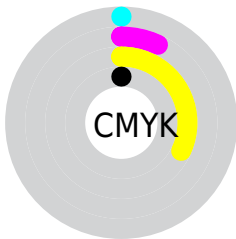
Distribution



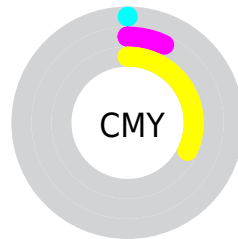
- Red (100%)
- Green (93%)
- Blue (68%)



- Red (77%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0670, 84.8455, 51.7447 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 79.0670, 84.8455, 51.7447 by changing the saturation by 10% instead.


 79.0670, 84.8455,
51.7447

 79.0670, 84.8455,
51.7447


480.5675,
511.1167, 410.3791

 59.2567, 63.7137,
36.4208

 131.0106,
140.1573, 94.1774

 43.0670, 46.4189,
24.4671


163.8746,
175.1061, 122.1232

 30.1324, 32.5765,
15.4651


201.8206,
215.4294, 155.1134

 20.0877, 21.8022,
8.9962

245.2140,
261.5115, 193.5665

 12.5674, 13.7116,
4.6419

294.4200,
313.7370, 237.9011

 7.2063, 7.9204,
1.9837

349.8040,

 3.6389, 4.0440,

372.4900, 288.5357

0.5452

411.7314,
438.1551, 345.8889

■ 1.5000, 1.6982,
0.0000

■ 0.3258, 0.4225,
0.0000

■ 79.0670, 84.8455,
51.7447

■ 79.0670, 84.8455,
51.7447

■ 75.2370, 80.7644,
39.4345

■ 83.4227, 89.2238,
66.5554

■ 71.8991, 76.9574,
29.4779

■ 88.3231, 93.8985,
83.9917

■ 69.0253, 73.4155,
21.7205

■ 93.7937, 98.8836,
104.1768

■ 66.5821, 70.1244,
15.9877

95.0500, 100.0000,
108.9000

■ 64.5307, 67.0680,
12.0779

■ 62.8245, 64.2269,
9.7477

■ 61.6733, 62.1267,
8.7411

Harmonies

Analogous

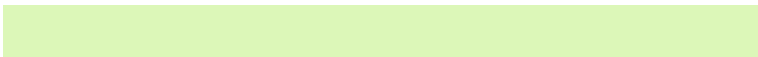
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9819, 84.8455, 54.6877



79.0670, 84.8455, 51.7447



71.1660, 84.8455, 57.9540

Triad

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



79.0670, 84.8455, 51.7447



67.4993, 84.8455, 123.6466



97.1766, 84.8455, 114.3330

Complementary

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



79.0670, 84.8455, 51.7447



53.9139, 53.3642, 102.0665

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.



90.9263, 84.8455, 138.2969



79.0670, 84.8455, 51.7447



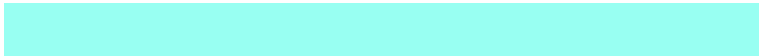
73.7242, 84.8455, 144.3283

Square

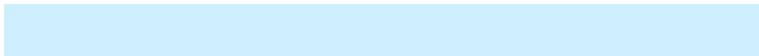
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0670, 84.8455, 51.7447



64.8084, 84.8455, 97.0008



82.2400, 84.8455, 150.1287



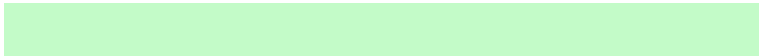
98.8674, 84.8455, 87.9128

Rectangle

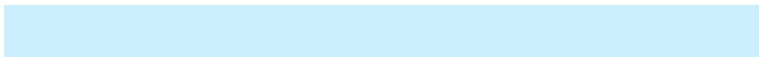
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0670, 84.8455, 51.7447



67.3989, 84.8455, 67.2636



82.2400, 84.8455, 150.1287



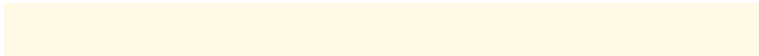
95.5178, 84.8455, 123.0852

Sweetspot

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



79.0691, 84.8493, 51.7465



89.4536, 94.9467, 88.1071



65.7134, 54.9598, 57.0925



18.9884, 20.1759, 18.2812



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

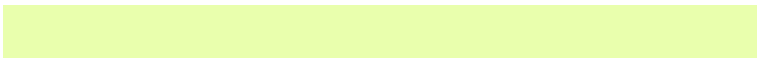
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0691, 84.8493, 51.7465



76.3917, 82.0231, 43.0588



76.9511, 91.8834, 53.2158



19.2032, 20.3745, 19.0649



32.3410, 32.6931, 4.6059



3.2285, 3.3424, 0.4750

Inverse Universe

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



53.9139, 53.3642, 102.0665



47.4693, 45.8350, 100.9529



55.4657, 48.6926, 101.0830



17.3262, 18.0239, 22.8157



10.2583, 5.4262, 49.9413



1.0752, 0.6811, 4.8881

Previews

White Background



This preview shows how the XYZ color 79.0670, 84.8455, 51.7447 looks on a white background.

Color Contrast Check

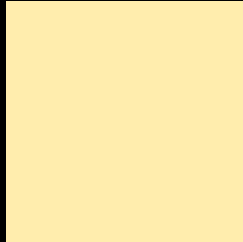
Large Text (above 18pt) WCAG AA × Fail

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 79.0670, 84.8455, 51.7447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

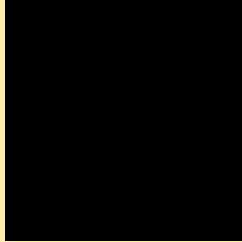
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0670, 84.8455, 51.7447

Background



This preview shows how black text looks on a background with the XYZ color 79.0670, 84.8455, 51.7447.



This preview shows how white text looks on a background with the XYZ color 79.0670, 84.8455,

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

79.0670, 84.8455, 51.7447

Protanopia

79.0670, 84.8455, 51.7447

Deuteranopia

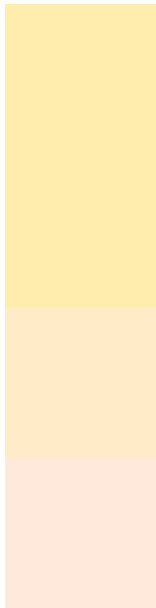
83.0575, 85.0635, 77.0070



Tritanopia

85.9936, 84.8829, 96.6457

Trichromacy



Original Color

79.0670, 84.8455, 51.7447

Protanomaly

79.0670, 84.8455, 51.7447

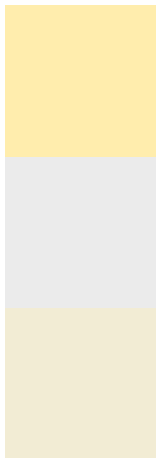
Deuteranomaly

81.3737, 84.8468, 66.7318

Tritanomaly

83.0338, 84.5998, 78.2827

Monochromacy



Original Color

79.0670, 84.8455, 51.7447

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.4971, 83.6216, 74.2907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0670, 84.8455, 51.7447 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, 237, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 173)  
}
```

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, 237, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 173) }
```

Border

The CSS property to change the border of an element to XYZ 79.0670, 84.8455, 51.7447 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, 237, 173) }
```


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

```
.border{ border-color:rgb(255, 237, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0670, 84.8455, 51.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 173) }
```

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

```
.background{ background-color: rgb(255,  
237, 173) }
```

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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