

Converting Colors

XYZ(76.0348, 85.2288, 30.8565)

Have a look what the booklet for
XYZ(76.0348, 85.2288, 30.8565)
contains.

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Color

**XYZ(75.9129, 84.9853,
30.8151)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF07A
RGB	255, 240, 122
RGB Percent	100%, 94%, 48%
CMY	0.0000, 0.0588, 0.5216
CMYK	0.00, 0.06, 0.52, 0.00
HSL	53°, 100%, 74%
HSV	53°, 52%, 100%
XYZ	75.9129, 84.9853, 30.8151
YIQ	231.0330, 46.8180, -33.5180

Conversions

Conversions Part 2

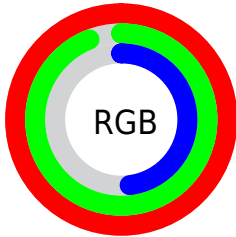
Format	Color
R _Y B	139, 255, 122
Decimal	16773242
CIE Lab	93.88, -9.70, 58.13
CIE LCh	94, 58.937, 99.475
Yxy	84.9853, 0.3960, 0.4433
Android (android.graphics.Color)	4294963322 (0xFFFFF07A)
YUV	231.0330, -53.7533, 21.0191
Hunter-Lab	92.1875, -14.3401, 44.7126

Details

The XYZ color **75.9129, 84.9853, 30.8151** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.0215, 29.2480, 98.4069**, and the grayscale version is **76.3453, 80.3212, 87.4697**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **40.9488, 46.4341, 12.2733** is the 20% darker color. If you saturate the color by 10%, you get **73.6968, 82.7586, 23.2780**, and if you desaturate by 10%, it is **78.5609, 87.4125, 40.5429**.

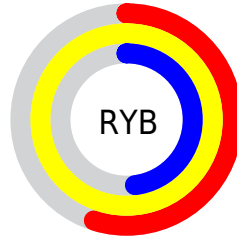
Distribution



Red (100%)

Green (94%)

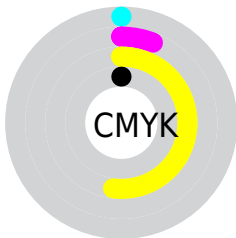
Blue (48%)



Red (55%)

Yellow (100%)

Blue (48%)

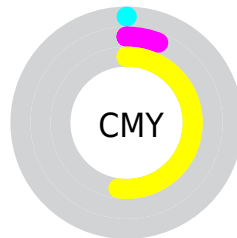


Cyan (0%)

Magenta (6%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9129, 84.9853, 30.8151 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 75.9129, 84.9853, 30.8151 by changing the saturation by 10% instead.

 75.9129, 84.9853,
30.8151

 75.9129, 84.9853,
30.8151


469.9985,
511.5794, 320.0104


 56.6579, 63.8292,
20.2008


 126.5848,
140.3526, 62.0250

 40.9697, 46.5124,
12.3556


 158.7324,
175.3327, 83.4577

 28.4830, 32.6503,
6.8609


 195.9082,
215.6895, 109.3336

 18.8324, 21.8587,
3.2981

238.4777,
261.8076, 140.0713

 11.6525, 13.7531,
1.2488

286.8060,
314.0712, 176.0893

 6.5780, 7.9492,
0.0193

341.2587,

 3.2436, 4.0624,

372.8648, 217.8061

0.0000

402.2011,
438.5727, 265.6403

■ 1.2839, 1.7085,
0.0000

■ 0.1711, 0.4292,
0.0000

■ 75.9129, 84.9853,
30.8151

■ 75.9129, 84.9853,
30.8151

■ 73.6968, 82.7586,
23.2780

■ 78.5609, 87.4125,
40.5429

■ 71.8734, 80.7072,
17.7517


■ 81.6645, 90.0403,
52.6121


■ 70.4064, 78.8196,
14.0366

■ 85.2526, 92.8836,
67.1659

■ 69.2495, 77.0773,
11.8895

■ 89.3500, 95.9523,
84.3346

 68.5051, 75.7904,
11.0184

 93.9798, 99.2559,
104.2395

95.0498, 99.9999,
108.9000

Harmonies

Analogous

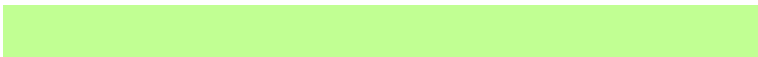
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8172, 84.9853, 32.9297



75.9129, 84.9853, 30.8151



63.0814, 84.9853, 40.5974

Triad

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



75.9129, 84.9853, 30.8151



59.6629, 84.9853, 159.0147



112.4367, 84.9853, 126.2386

Complementary

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



75.9129, 84.9853, 30.8151



35.0215, 29.2480, 98.4069

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.



101.5039, 84.9853, 176.4900



75.9129, 84.9853, 30.8151



70.6574, 84.9853, 199.2701

Square

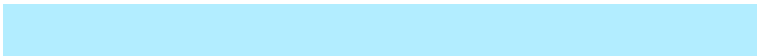
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9129, 84.9853, 30.8151



54.5331, 84.9853, 107.4918



85.8424, 84.9853, 206.5346



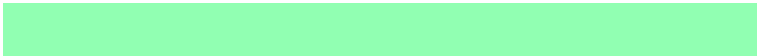
114.3208, 84.9853, 79.0335

Rectangle

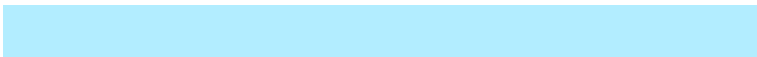
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9129, 84.9853, 30.8151



57.4846, 84.9853, 55.2351



85.8424, 84.9853, 206.5346



109.6365, 84.9853, 143.6969

Sweetspot

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



75.9149, 84.9893, 30.8168



87.7134, 94.7457, 77.4171



52.7525, 37.0009, 28.2243



18.5935, 20.1442, 15.8127



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.



75.9149, 84.9893, 30.8168



73.5284, 82.5790, 22.7362



64.1796, 85.7647, 31.5851



19.3761, 20.7203, 19.1225



35.8655, 39.7423, 5.7807



3.5398, 3.9649, 0.5787

Inverse Universe

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



35.0215, 29.2480, 98.4069



28.5471, 21.3084, 97.2161



42.2401, 30.0224, 98.1759



17.1678, 17.7073, 22.7630



9.7101, 4.3297, 49.7585



0.9963, 0.5233, 4.8618

Previews

White Background



This preview shows how the XYZ color 75.9129, 84.9853, 30.8151 looks on a white background.

Color Contrast Check

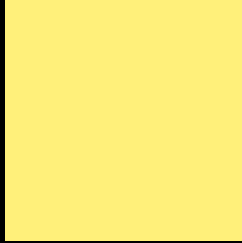
Large Text (above 18pt) WCAG AA × Fail

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 75.9129, 84.9853, 30.8151 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 75.9129, 84.9853, 30.8151

Background



This preview shows how black text looks on a background with the XYZ color 75.9129, 84.9853, 30.8151.

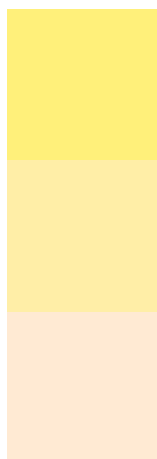


This preview shows how white text looks on a background with the XYZ color 75.9129, 84.9853,

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

75.9129, 84.9853, 30.8151

Protanopia

78.7896, 85.1991, 48.8516

Deuteranopia

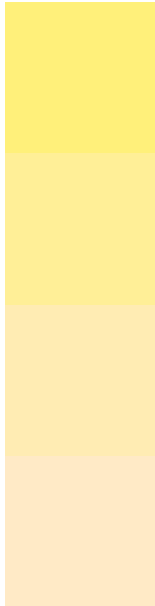
82.4207, 84.8088, 73.6537



Tritanopia

85.6931, 84.7627, 95.0634

Trichromacy



Original Color

75.9129, 84.9853, 30.8151

Protanomaly

77.6924, 85.2274, 41.6339

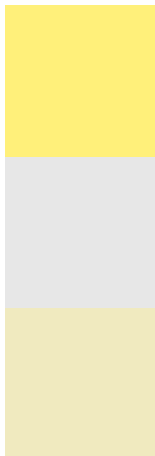
Deuteranomaly

79.3721, 84.5056, 54.7757

Tritanomaly

80.8559, 84.1829, 65.4134

Monochromacy



Original Color

75.9129, 84.9853, 30.8151

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.7620, 81.1325, 61.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9129, 84.9853, 30.8151 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, 240, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 122)  
}
```

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, 240, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 122) }
```

Border

The CSS property to change the border of an element to XYZ 75.9129, 84.9853, 30.8151 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, 240, 122) }
```


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

```
.border{ border-color:rgb(255, 240, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9129, 84.9853, 30.8151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 122) }
```

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

```
.background{ background-color: rgb(255,  
240, 122) }
```

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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