

Converting Colors

XYZ(74.4688, 84.7214, 32.6303)

Have a look what the booklet for
XYZ(74.4688, 84.7214, 32.6303)
contains.

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Color

**XYZ(74.3530, 84.5826,
32.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F17F
RGB	249, 241, 127
RGB Percent	98%, 95%, 50%
CMY	0.0235, 0.0549, 0.5019
CMYK	0.00, 0.03, 0.49, 0.02
HSL	56°, 91%, 74%
HSV	56°, 49%, 98%
XYZ	74.3530, 84.5826, 32.4859
YIQ	230.3960, 41.3620, -33.7580

Conversions

Conversions Part 2

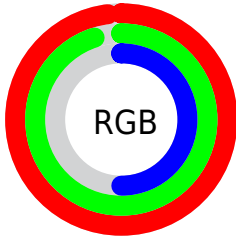
Format	Color
R _Y B	136, 249, 127
Decimal	16380287
CIE Lab	93.70, -12.15, 55.50
CIE LCh	94, 56.816, 102.350
Yxy	84.5826, 0.3884, 0.4419
Android (android.graphics.Color)	4294570367 (0xFFFF9F17F)
YUV	230.3960, -50.9742, 16.3157
Hunter-Lab	91.9688, -16.6355, 43.4353

Details

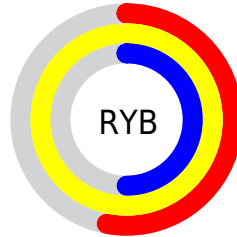
The XYZ color **74.3530, 84.5826, 32.4859** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.5152, 28.6788, 93.3388**, and the grayscale version is **75.8536, 79.8039, 86.9065**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **39.8202, 46.1395, 13.2856** is the 20% darker color. If you saturate the color by 10%, you get **72.4466, 83.0539, 24.8099**, and if you desaturate by 10%, it is **76.6688, 86.2882, 42.2786**.

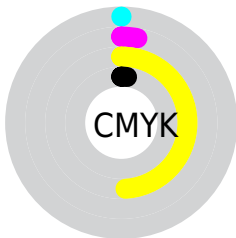
Distribution



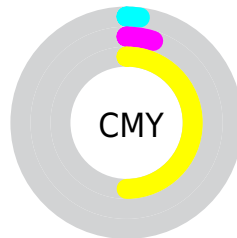
- Red (98%)
- Green (95%)
- Blue (50%)



- Red (53%)
- Yellow (98%)
- Blue (50%)



- Cyan (0%)
- Magenta (3%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3530, 84.5826, 32.4859 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 74.3530, 84.5826, 32.4859 by changing the saturation by 10% instead.


 74.3530, 84.5826,
32.4859

 74.3530, 84.5826,
32.4859


464.7223,
510.2459, 327.8874


 55.3753, 63.4966,
21.4650


 124.3889,
139.7899, 64.6788

 39.9373, 46.2430,
13.2698


 156.1778,
174.6799, 86.6879

 27.6737, 32.4376,
7.4817


 192.9679,
214.9400, 113.1968

 18.2190, 21.6960,
3.6821

235.1244,
260.9546, 144.6240

 11.2080, 13.6337,
1.4526

283.0127,
313.1081, 181.3882

 6.2752, 7.8663,
0.1823

336.9983,

 3.0554, 4.0095,

371.7849, 223.9078

0.0000

397.4463,
437.3693, 272.6014

■ 1.1831, 1.6789,
0.0000

■ 0.0930, 0.4099,
0.0000

■ 74.3530, 84.5826,
32.4859

■ 74.3530, 84.5826,
32.4859

■ 72.4466, 83.0539,
24.8099

■ 76.6688, 86.2882,
42.2786

■ 70.9135, 81.6782,
19.0868


■ 79.4149, 88.1698,
54.3250


■ 69.7213, 80.4458,
15.1376


■ 82.6180, 90.2412,
68.7568


■ 68.8292, 79.3404,
12.7481


■ 86.3010, 92.5115,
85.6941

 68.1768, 78.3376,
11.5993


 90.4852, 94.9892,
105.2488

 68.1167, 78.2394,
11.5116

 91.5501, 96.2262,
108.3561

 92.0614, 97.2489,
108.5265

 92.5772, 98.2803,
108.6984

 92.8769, 98.8797,
108.7983

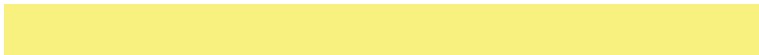
Harmonies

Analogous

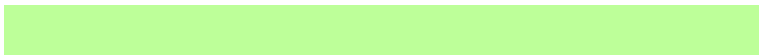
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5036, 84.5826, 33.4876



74.3530, 84.5826, 32.4859



62.4088, 84.5826, 43.3692

Triad

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



74.3530, 84.5826, 32.4859



60.8220, 84.5826, 160.0823



111.2906, 84.5826, 119.6212

Complementary

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



74.3530, 84.5826, 32.4859



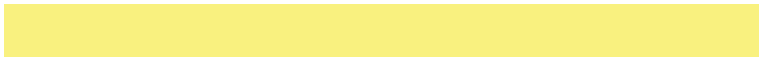
34.5152, 28.6788, 93.3388

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.



101.5380, 84.5826, 168.0560



74.3530, 84.5826, 32.4859



71.9230, 84.5826, 195.9813

Square

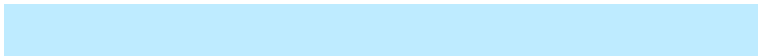
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3530, 84.5826, 32.4859



55.2775, 84.5826, 111.0120



86.7520, 84.5826, 199.2858



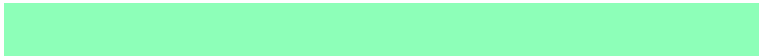
112.1543, 84.5826, 75.4611

Rectangle

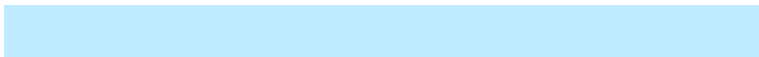
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3530, 84.5826, 32.4859



57.3588, 84.5826, 58.7009



86.7520, 84.5826, 199.2858



108.8918, 84.5826, 136.2292

Sweetspot

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



74.3550, 84.5865, 32.4876



88.6976, 96.1881, 79.3666



51.0394, 37.0724, 27.4376



18.8142, 20.4820, 16.2055



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

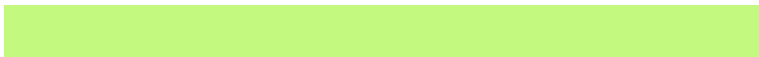
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3550, 84.5865, 32.4876



76.4622, 87.6617, 26.1341



60.5066, 81.0375, 32.5325



18.6243, 19.9845, 18.3382



36.5033, 41.9632, 6.1758



3.4093, 3.9435, 0.5815

Inverse Universe

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



34.5152, 28.6788, 93.3388



29.8864, 22.3229, 97.3413



43.4804, 31.7066, 93.4507



16.3743, 16.8255, 21.7699



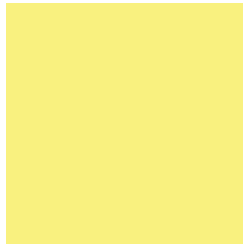
9.2887, 3.9330, 48.2431



0.8912, 0.4261, 4.4785

Previews

White Background



This preview shows how the XYZ color 74.3530, 84.5826, 32.4859 looks on a white background.

Color Contrast Check

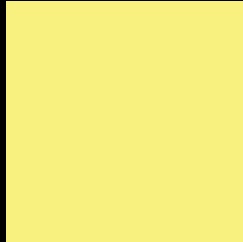
Large Text (above 18pt) WCAG AA × Fail

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 74.3530, 84.5826, 32.4859 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 74.3530, 84.5826, 32.4859

Background



This preview shows how black text looks on a background with the XYZ color 74.3530, 84.5826, 32.4859.

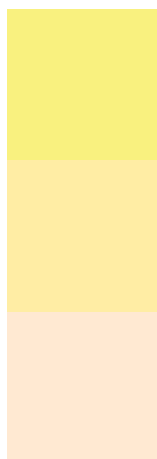


This preview shows how white text looks on a background with the XYZ color 74.3530, 84.5826,

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

74.3530, 84.5826, 32.4859

Protanopia

78.2250, 84.5087, 47.3109

Deuteranopia

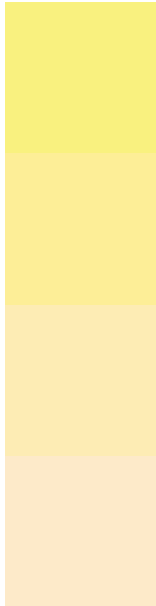
82.0118, 84.1910, 72.9008



Tritanopia

85.7145, 84.3247, 96.5527

Trichromacy



Original Color

74.3530, 84.5826, 32.4859

Protanomaly

76.6685, 84.2661, 41.5023

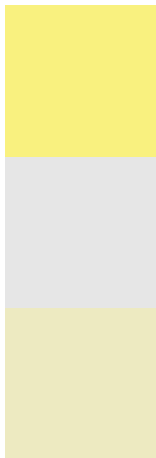
Deuteranomaly

78.7417, 84.1688, 55.2761

Tritanomaly

80.4734, 83.9453, 67.2200

Monochromacy



Original Color

74.3530, 84.5826, 32.4859

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.9735, 80.7004, 62.1300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3530, 84.5826, 32.4859 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(249, 241, 127)` looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 127)  
}
```

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(249, 241, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 127) }
```

Border

The CSS property to change the border of an element to XYZ 74.3530, 84.5826, 32.4859 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(249, 241, 127) }
```


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

```
.border{ border-color:rgb(249, 241, 127) }
```

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

Here you see how a box with a 4 pixel rgb(249, 241, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 127);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3530, 84.5826, 32.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 127) }
```

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

```
.background{ background-color: rgb(249,  
241, 127) }
```

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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