

Converting Colors

XYZ(80.0573, 92.5939, 34.2935)

Have a look what the booklet for
XYZ(80.0573, 92.5939, 34.2935)
contains.

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Color

**XYZ(80.0129, 92.4658,
34.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFC81
RGB	255, 252, 129
RGB Percent	100%, 99%, 51%
CMY	0.0000, 0.0117, 0.4941
CMYK	0.00, 0.01, 0.49, 0.00
HSL	59°, 100%, 75%
HSV	59°, 49%, 100%
XYZ	80.0129, 92.4658, 34.3994
YIQ	238.8750, 41.2710, -37.6170

Conversions

Conversions Part 2

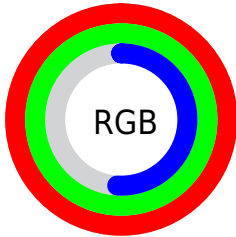
Format	Color
R_{YB}	132, 255, 129
Decimal	16776321
CIE _{Lab}	97.01, -15.00, 58.63
CIE _{LCh}	97, 60.519, 104.354
Yxy	92.4658, 0.3868, 0.4470
Android (android.graphics.Color)	4294966401 (0xFFFFFC81)
YUV	238.8750, -54.1684, 14.1416
Hunter-Lab	96.1591, -19.7507, 46.1013

Details

The XYZ color **80.0129, 92.4658, 34.3994** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.3545, 28.3890, 98.2238**, and the grayscale version is **82.3347, 86.6225, 94.3319**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **43.7749, 51.7236, 14.3331** is the 20% darker color. If you saturate the color by 10%, you get **78.3360, 91.4945, 26.4963**, and if you desaturate by 10%, it is **82.1178, 93.6160, 44.5337**.

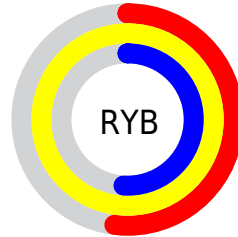
Distribution



Red (100%)

Green (99%)

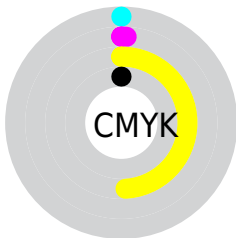
Blue (51%)



Red (52%)

Yellow (100%)

Blue (51%)

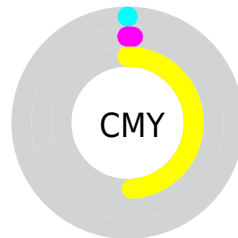


Cyan (0%)

Magenta (1%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0129, 92.4658, 34.3994 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 80.0129, 92.4658, 34.3994 by changing the saturation by 10% instead.


 80.0129, 92.4658,
34.3994

 80.0129, 92.4658,
34.3994


483.7122,
536.0198, 336.7327


 60.0375, 70.0276,
22.9208


 132.3343,
150.7588, 67.6953

 43.6984, 51.5490,
14.3303


 165.4110,
187.3824, 90.3496

 30.6304, 36.6457,
8.2094


 203.5855,
229.5032, 117.5662

 20.4680, 24.9333,
4.1395

247.2231,
277.5057, 149.7636

 12.8459, 16.0274,
1.7022

296.6892,
331.7742, 187.3605

 7.3988, 9.5435,
0.3622

352.3492,

 3.7613, 5.0974,

392.6931, 230.7752

0.0000

414.5684,
460.6468, 280.4264

■ 1.5680, 2.3045,
0.0000

■ 0.3714, 0.7761,
0.0000

■ 80.0129, 92.4658,
34.3994

■ 80.0129, 92.4658,
34.3994

■ 78.3360, 91.4945,
26.4963

■ 82.1178, 93.6160,
44.5337

■ 77.0484, 90.6765,
20.6498

■ 84.6727, 94.9438,
57.0451

■ 76.1157, 90.0015,
16.6689

■ 87.7062, 96.4641,
72.0735

■ 75.4942, 89.4519,
14.3241

■ 91.2426, 98.1864,
89.7466

■ 75.1170, 89.0010, 95.0499, 100.0000,
13.2630 108.9000

■ 75.0977, 88.9756,
13.2159

Harmonies

Analogous

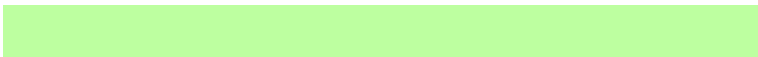
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0198, 92.4658, 34.6678



80.0129, 92.4658, 34.3994



66.9175, 92.4658, 47.3944

Triad

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



80.0129, 92.4658, 34.3994



66.4827, 92.4658, 181.5341



123.3532, 92.4658, 128.1595

Complementary

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



80.0129, 92.4658, 34.3994



35.3545, 28.3890, 98.2238

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.



112.8323, 92.4658, 183.7604



80.0129, 92.4658, 34.3994



79.3442, 92.4658, 220.7291

Square

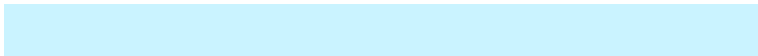
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0129, 92.4658, 34.3994



59.8180, 92.4658, 125.7731



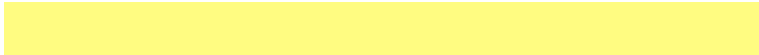
96.2593, 92.4658, 221.6549



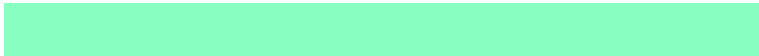
123.5931, 92.4658, 79.1675

Rectangle

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



80.0129, 92.4658, 34.3994



61.5401, 92.4658, 65.2896



96.2593, 92.4658, 221.6549



120.8465, 92.4658, 146.9864

Sweetspot

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



80.0151, 92.4701, 34.4013



89.2027, 97.1984, 79.5350



53.3383, 38.6604, 26.9150



18.9373, 20.7283, 16.2465



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

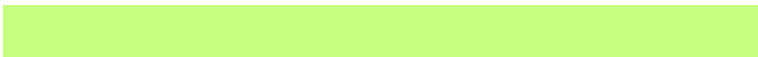
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0151, 92.4701, 34.4013



78.3971, 91.5315, 26.7790



62.5400, 84.8678, 33.8550



19.5221, 21.0123, 19.1712



39.2570, 46.5252, 6.9112



3.8336, 4.5526, 0.6767

Inverse Universe

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



35.3545, 28.3890, 98.2238



29.1986, 20.9474, 97.1121



46.5909, 33.5876, 98.6350



17.0376, 17.4468, 22.7195



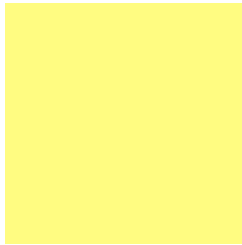
9.4808, 3.8712, 49.6821



0.9348, 0.4002, 4.8413

Previews

White Background



This preview shows how the XYZ color 80.0129, 92.4658, 34.3994 looks on a white background.

Color Contrast Check

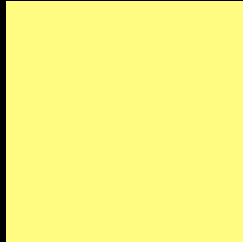
Large Text (above 18pt) WCAG AA × Fail

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 80.0129, 92.4658, 34.3994 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 80.0129, 92.4658, 34.3994

Background



This preview shows how black text looks on a background with the XYZ color 80.0129, 92.4658, 34.3994.



This preview shows how white text looks on a background with the XYZ color 80.0129, 92.4658,

Color Blindness Simulation

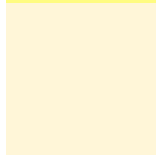
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



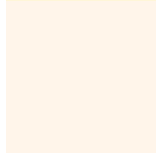
Original Color

80.0129, 92.4658, 34.3994



Protanopia

86.5904, 92.1294, 78.1847



Deuteranopia

88.7437, 92.5053, 91.0199



Tritanopia

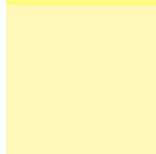
90.5459, 92.2633, 103.4788

Trichromacy



Original Color

80.0129, 92.4658, 34.3994



Protanomaly

83.4591, 91.8555, 58.6785



Deuteranomaly

84.7712, 92.3803, 65.5878



Tritanomaly

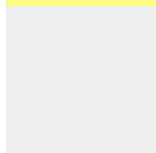
85.3363, 91.6278, 71.5807

Monochromacy



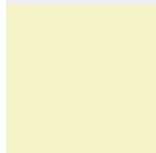
Original Color

80.0129, 92.4658, 34.3994



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.3157, 88.2374, 66.8313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0129, 92.4658, 34.3994 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, 252, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 129)  
}
```

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, 252, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 129) }
```

Border

The CSS property to change the border of an element to XYZ 80.0129, 92.4658, 34.3994 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, 252, 129) }
```


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

```
.border{ border-color:rgb(255, 252, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0129, 92.4658, 34.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 129) }
```

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

```
.background{ background-color: rgb(255,  
252, 129) }
```

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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