

Converting Colors

XYZ(79.8673, 93.8004, 34.6647)

Have a look what the booklet for
XYZ(79.8673, 93.8004, 34.6647)
contains.

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Color

**XYZ(79.8673, 93.8004,
34.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFF81
RGB	252, 255, 129
RGB Percent	99%, 100%, 51%
CMY	0.0118, 0.0000, 0.4941
CMYK	0.01, 0.00, 0.49, 0.00
HSL	61°, 100%, 75%
HSV	61°, 49%, 100%
XYZ	79.8673, 93.8004, 34.6647
YIQ	239.7390, 38.6580, -39.8220

Conversions

Conversions Part 2

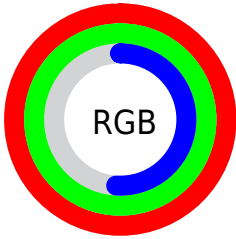
Format	Color
R_{YB}	129, 255, 132
Decimal	16580481
CIE _{Lab}	97.55, -17.62, 59.21
CIE _{LCh}	98, 61.780, 106.573
Yxy	93.8004, 0.3834, 0.4502
Android (android.graphics.Color)	4294770561 (0xFFFCFF81)
YUV	239.7390, -54.5943, 10.7529
Hunter-Lab	96.8506, -22.2896, 46.5744

Details

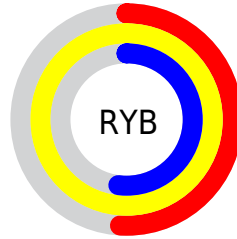
The XYZ color **79.8673, 93.8004, 34.6647** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.4171, 27.8273, 98.1123**, and the grayscale version is **83.0116, 87.3346, 95.1074**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **43.4564, 52.2336, 14.4483** is the 20% darker color. If you saturate the color by 10%, you get **78.1587, 93.0916, 26.8139**, and if you desaturate by 10%, it is **81.9998, 94.6788, 44.7452**.

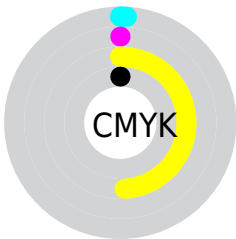
Distribution



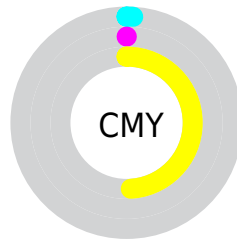
- Red (99%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8673, 93.8004, 34.6647 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 79.8673, 93.8004, 34.6647 by changing the saturation by 10% instead.


 79.8673, 93.8004,
34.6647


 79.8673, 93.8004,
34.6647


483.2289,
540.3174, 337.9450


 59.9173, 71.1370,
23.1232


 132.1307,
152.6063, 68.1117

 43.6011, 52.4540,
14.4784


 165.1747,
189.5175, 90.8543

 30.5536, 37.3671,
8.3116


 203.3140,
231.9467, 118.1676

 20.4093, 25.4918,
4.2043

246.9141,
280.2784, 150.4703

 12.8029, 16.4438,
1.7381

296.3403,
334.8969, 188.1808

 7.3690, 9.8388,
0.3867

351.9579,


 3.7423, 5.2922,


396.1867, 231.7178


0.0000


414.1323,
464.5320, 281.4997


 1.5574, 2.4197,
0.0000


 0.3644, 0.8360,
0.0000


 79.8673, 93.8004,
34.6647


 79.8673, 93.8004,
34.6647


 78.1587, 93.0916,
26.8139


 81.9998, 94.6788,
44.7452


 76.8416, 92.5395,
21.0203

 84.5846, 95.7383,
57.2031

 75.8794, 92.1294,
17.0921

 87.6480, 96.9893,
72.1780

 75.2285, 91.8439,
14.7998

 91.2144, 98.4415,
89.7975

■ 74.8221, 91.6563, 95.0500, 100.0000,
13.7911 108.9000

■ 74.8011, 91.6464,
13.7471

Harmonies

Analogous

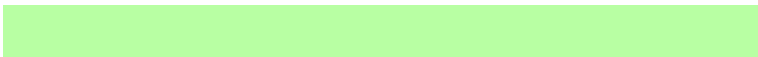
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.2259, 93.8004, 34.0005



79.8673, 93.8004, 34.6647



66.8149, 93.8004, 49.0425

Triad

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



79.8673, 93.8004, 34.6647



67.9021, 93.8004, 189.6739



126.1887, 93.8004, 126.2694

Complementary

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



79.8673, 93.8004, 34.6647



35.4171, 27.8273, 98.1123

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.



115.9893, 93.8004, 184.0592



79.8673, 93.8004, 34.6647



81.5426, 93.8004, 227.9961

Square

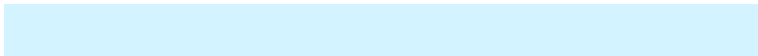
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8673, 93.8004, 34.6647



60.5534, 93.8004, 132.2683



99.1350, 93.8004, 225.6575



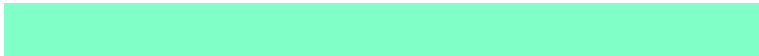
125.5849, 93.8004, 76.9618

Rectangle

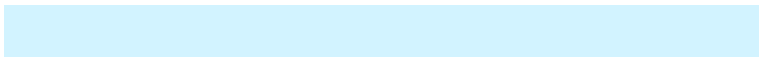
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8673, 93.8004, 34.6647



61.6263, 93.8004, 68.3129



99.1350, 93.8004, 225.6575



123.8582, 93.8004, 145.5982

Sweetspot

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



79.8674, 93.8004, 34.6659



89.1576, 97.6044, 79.6157



53.3329, 39.1055, 25.5073



18.9263, 20.8274, 16.2662



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

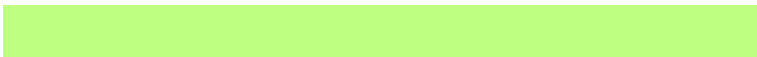
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8674, 93.8004, 34.6659



78.2209, 93.1175, 27.0945



60.9334, 84.0396, 33.7798



19.5159, 21.0674, 19.1821



39.1045, 47.8972, 7.1841



3.8205, 4.6703, 0.7001

Inverse Universe

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



35.4171, 27.8273, 98.1123



29.2564, 20.4282, 97.0088



48.1750, 34.4042, 98.7093



17.0430, 17.3984, 22.7099



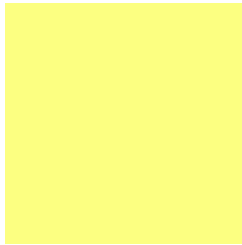
9.4885, 3.8020, 49.6683



0.9373, 0.3771, 4.8367

Previews

White Background



This preview shows how the XYZ color 79.8673, 93.8004, 34.6647 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 79.8673, 93.8004, 34.6647 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 79.8673, 93.8004, 34.6647

Background



This preview shows how black text looks on a background with the XYZ color 79.8673, 93.8004, 34.6647.

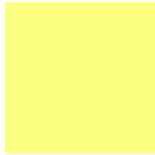


This preview shows how white text looks on a background with the XYZ color 79.8673, 93.8004,

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



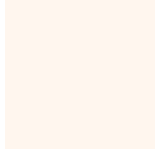
Original Color

79.8673, 93.8004, 34.6647



Protanopia

88.1267, 93.7225, 83.2575



Deuteranopia

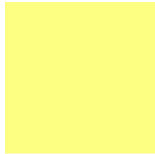
89.6284, 93.3446, 94.1823



Tritanopia

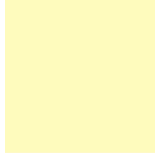
91.4631, 93.5931, 105.3401

Trichromacy



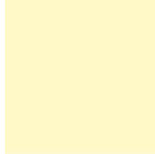
Original Color

79.8673, 93.8004, 34.6647



Protanomaly

84.5555, 93.7393, 61.7811



Deuteranomaly

84.9418, 92.8994, 66.8805



Tritanomaly

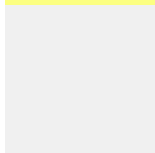
86.0112, 93.3272, 72.5122

Monochromacy



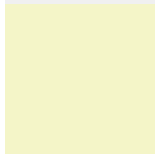
Original Color

79.8673, 93.8004, 34.6647



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.3860, 88.7080, 67.5292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8673, 93.8004, 34.6647 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(252, 255, 129)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 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(252, 255, 129) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 79.8673, 93.8004, 34.6647 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(252, 255, 129) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 79.8673, 93.8004, 34.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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