

Converting Colors

XYZ(79.4081, 93.4725, 38.7644)

Have a look what the booklet for
XYZ(79.4081, 93.4725, 38.7644)
contains.

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Color

**XYZ(79.5605, 93.5532,
38.6752)**

Conversions

Conversions Part 1

Format	Color
Hex	F9FF8C
RGB	249, 255, 140
RGB Percent	98%, 100%, 55%
CMY	0.0235, 0.0000, 0.4510
CMYK	0.02, 0.00, 0.45, 0.00
HSL	63°, 100%, 77%
HSV	63°, 45%, 100%
XYZ	79.5605, 93.5532, 38.6752
YIQ	240.0960, 33.3390, -37.0370

Conversions

Conversions Part 2

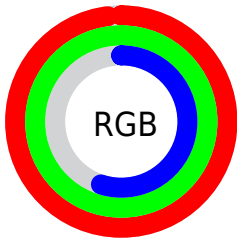
Format	Color
R_{YB}	140, 255, 146
Decimal	16383884
CIE _{Lab}	97.45, -17.80, 53.97
CIE _{LCh}	97, 56.825, 108.251
Yxy	93.5532, 0.3757, 0.4417
Android (android.graphics.Color)	4294573964 (0xFFFF9FF8C)
YUV	240.0960, -49.3473, 7.8088
Hunter-Lab	96.7229, -22.4379, 43.9986

Details

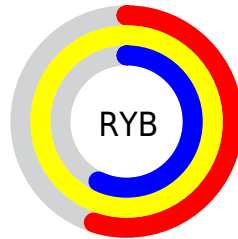
The XYZ color **79.5605, 93.5532, 38.6752** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.2832, 32.0884, 98.7310**, and the grayscale version is **83.2547, 87.5904, 95.3859**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **43.4002, 52.1527, 16.7959** is the 20% darker color. If you saturate the color by 10%, you get **77.4202, 92.6424, 29.8715**, and if you desaturate by 10%, it is **82.1402, 94.6400, 49.7760**.

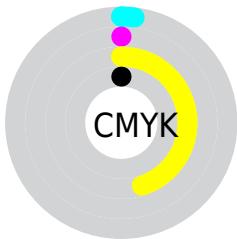
Distribution



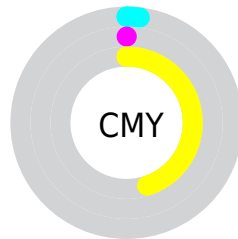
- Red (98%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (57%)



- Cyan (2%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5605, 93.5532, 38.6752 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 79.5605, 93.5532, 38.6752 by changing the saturation by 10% instead.


 79.5605, 93.5532,
38.6752

 79.5605, 93.5532,
38.6752


482.2096,
539.5228, 355.8922

 59.6640, 70.9314,
26.2013


 131.7014,
152.2643, 74.3567

 43.3963, 52.2862,
16.7471


 164.6765,
189.1223, 98.4014

 30.3920, 37.2333,
9.8943


202.7419,
231.4946, 127.1401

 20.2859, 25.3881,
5.2243

246.2628,
279.7654, 160.9913

 12.7125, 16.3665,
2.3184

295.6047,
334.3193, 200.3736

 7.3065, 9.7838,
0.7415

351.1329,

 3.7025, 5.2559,

395.5405, 245.7055

0.0000

413.2127,
463.8136, 297.4055

■ 1.5353, 2.3982,
0.0000

■ 0.3496, 0.8249,
0.0000

■ 79.5605, 93.5532,
38.6752

■ 79.5605, 93.5532,
38.6752

■ 77.4202, 92.6424,
29.8715

■ 82.1402, 94.6400,
49.7760

■ 75.6882, 91.8954,
23.2003

■ 85.1864, 95.9139,
63.3155

■ 74.3303, 91.2984,
18.4814

■ 88.7247, 97.3849,
79.4282

■ 73.3063, 90.8354,
15.5033

■ 92.7784, 99.0626,
98.2379

■ 72.5666, 90.4865, 95.0500, 100.0000,
14.0052 108.9000

■ 72.2731, 90.3432,
13.6288

Harmonies

Analogous

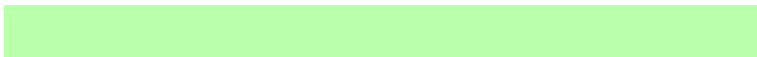
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3818, 93.5532, 37.3247



79.5605, 93.5532, 38.6752



67.7399, 93.5532, 53.4483

Triad

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



79.5605, 93.5532, 38.6752



69.8350, 93.5532, 183.4886



122.8515, 93.5532, 121.0304

Complementary

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



79.5605, 93.5532, 38.6752



39.2832, 32.0884, 98.7310

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.



114.1090, 93.5532, 173.1479



79.5605, 93.5532, 38.6752



82.7559, 93.5532, 215.8431

Square

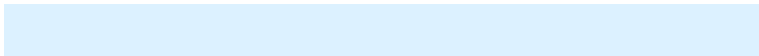
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5605, 93.5532, 38.6752



62.6103, 93.5532, 132.2729



98.9851, 93.5532, 211.5721



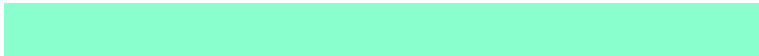
121.7261, 93.5532, 76.5133

Rectangle

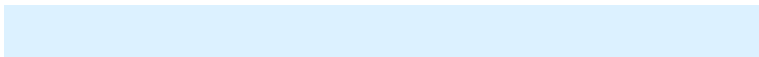
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5605, 93.5532, 38.6752



63.1239, 93.5532, 72.3827



98.9851, 93.5532, 211.5721



120.9301, 93.5532, 138.4261

Sweetspot

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



79.5606, 93.5532, 38.6764



89.1437, 97.5587, 81.3574



56.2147, 43.6352, 30.2718



18.9052, 20.8089, 16.6081



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

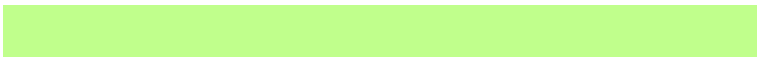
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5606, 93.5532, 38.6764



77.6344, 92.7341, 30.7300



62.1693, 84.5876, 37.8625



19.4621, 21.0396, 19.1796



37.8050, 47.2273, 7.1232



3.7085, 4.6126, 0.6949

Inverse Universe

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



39.2832, 32.0884, 98.7310



32.8288, 24.3339, 97.5744



52.1257, 38.7089, 99.3320



17.0907, 17.4230, 22.7121



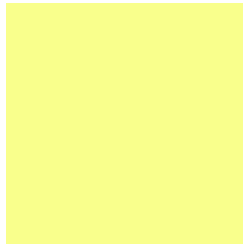
9.5564, 3.8370, 49.6715



0.9600, 0.3888, 4.8377

Previews

White Background



This preview shows how the XYZ color 79.5605, 93.5532, 38.6752 looks on a white background.

Color Contrast Check

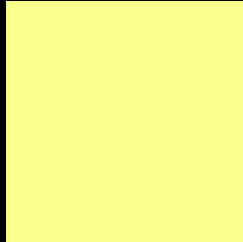
Large Text (above 18pt) WCAG AA × Fail

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 79.5605, 93.5532, 38.6752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

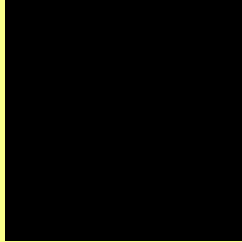
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5605, 93.5532, 38.6752

Background



This preview shows how black text looks on a background with the XYZ color 79.5605, 93.5532, 38.6752.

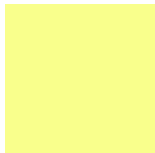


This preview shows how white text looks on a background with the XYZ color 79.5605, 93.5532,

Color Blindness Simulation

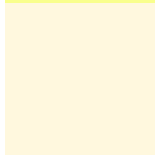
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



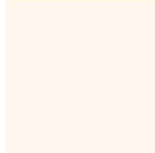
Original Color

79.5605, 93.5532, 38.6752



Protanopia

87.9922, 93.6687, 82.5494



Deuteranopia

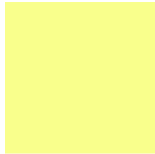
89.4818, 93.2860, 93.4106



Tritanopia

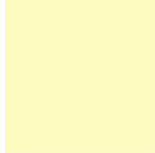
91.4801, 93.1171, 106.9178

Trichromacy



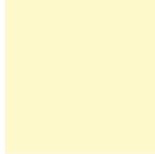
Original Color

79.5605, 93.5532, 38.6752



Protanomaly

84.5196, 93.6828, 63.4971



Deuteranomaly

85.0444, 92.8983, 69.3260



Tritanomaly

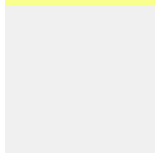
86.0857, 92.8215, 76.3299

Monochromacy



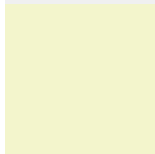
Original Color

79.5605, 93.5532, 38.6752



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.5136, 88.7191, 70.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5605, 93.5532, 38.6752 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, 255, 140)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 140)  
}
```

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, 255, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 140) }
```

Border

The CSS property to change the border of an element to XYZ 79.5605, 93.5532, 38.6752 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, 255, 140) }
```


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

```
.border{ border-color:rgb(249, 255, 140) }
```

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

Here you see how a box with a 4 pixel rgb(249, 255, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 140);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5605, 93.5532, 38.6752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 140) }
```

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

```
.background{ background-color: rgb(249,  
255, 140) }
```

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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