

Converting Colors

XYZ(77.8978, 92.6256, 41.7793)

Have a look what the booklet for
XYZ(77.8978, 92.6256, 41.7793)
contains.

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Color

**XYZ(78.0674, 92.7128,
41.7977)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FF94
RGB	243, 255, 148
RGB Percent	95%, 100%, 58%
CMY	0.0471, 0.0000, 0.4196
CMYK	0.05, 0.00, 0.42, 0.00
HSL	67°, 100%, 79%
HSV	67°, 42%, 100%
XYZ	78.0674, 92.7128, 41.7977
YIQ	239.2140, 27.1950, -35.8210

Conversions

Conversions Part 2

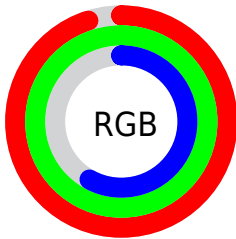
Format	Color
R_{YB}	148, 255, 160
Decimal	15990676
CIE _{Lab}	97.11, -19.29, 49.66
CIE _{LCh}	97, 53.281, 111.231
Yxy	92.7128, 0.3672, 0.4361
Android (android.graphics.Color)	4294180756 (0xFFFF3FF94)
YUV	239.2140, -44.9685, 3.3203
Hunter-Lab	96.2875, -23.7799, 41.6639

Details

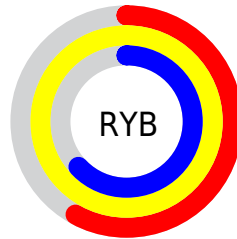
The XYZ color **78.0674, 92.7128, 41.7977** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.1382, 35.8746, 99.2586**, and the grayscale version is **82.5344, 86.8326, 94.5607**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **42.2672, 51.5287, 18.5448** is the 20% darker color. If you saturate the color by 10%, you get **75.2868, 91.4874, 32.2670**, and if you desaturate by 10%, it is **81.3084, 94.1241, 53.6732**.

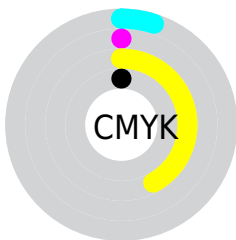
Distribution



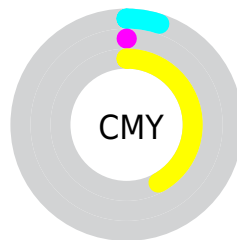
- Red (95%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0674, 92.7128, 41.7977 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 78.0674, 92.7128, 41.7977 by changing the saturation by 10% instead.


 78.0674, 92.7128,
41.7977


 78.0674, 92.7128,
41.7977


477.2320,
536.8165, 369.4185

 58.4323, 70.2328,
28.6185


 129.6100,
151.1009, 79.1601

 42.4009, 51.7164,
18.5493


 162.2482,
187.7779, 104.1805

 29.6078, 36.7790,
11.1716


199.9515,
229.9559, 133.9850

 19.6877, 25.0365,
6.0668

243.0853,
278.0195, 168.9922

 12.2752, 16.1042,
2.8163

292.0149,
332.3529, 209.6206

 7.0049, 9.5979,
1.0016

347.1056,

 3.5115, 5.1332,

393.3406, 256.2887

0.0000

408.7229,
461.3670, 309.4152

■ 1.4297, 2.3256,
0.0000

■ 0.2772, 0.7872,
0.0000

■ 78.0674, 92.7128,
41.7977

■ 78.0674, 92.7128,
41.7977

■ 75.2868, 91.4874,
32.2670

■ 81.3084, 94.1241,
53.6732

■ 72.9364, 90.4359,
24.9217

■ 85.0362, 95.7319,
68.0308

■ 70.9833, 89.5450,
19.5889

■ 89.2757, 97.5462,
85.0021

■ 69.3893, 88.7995,
16.0679

■ 94.0499, 99.5762,
104.7081

■ 68.1083, 88.1810, 95.0500, 100.0000,
14.1165 108.9000

■ 67.2498, 87.7536,
13.3937

Harmonies

Analogous

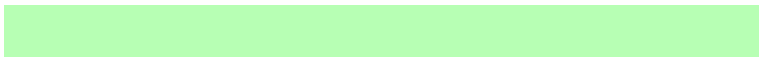
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5991, 92.7128, 39.2683



78.0674, 92.7128, 41.7977



67.4604, 92.7128, 57.4961

Triad

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



78.0674, 92.7128, 41.7977



71.2397, 92.7128, 180.1759



119.8683, 92.7128, 114.0955

Complementary

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



78.0674, 92.7128, 41.7977



43.1382, 35.8746, 99.2586

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.



112.6196, 92.7128, 162.1284



78.0674, 92.7128, 41.7977



83.7892, 92.7128, 206.7884

Square

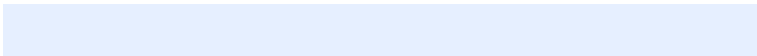
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0674, 92.7128, 41.7977



63.8412, 92.7128, 133.9726



99.0021, 92.7128, 199.3812



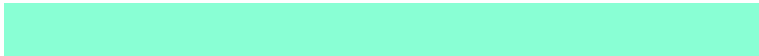
117.8867, 92.7128, 73.8529

Rectangle

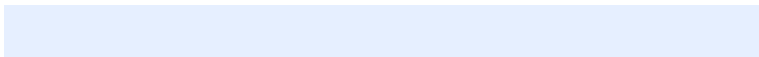
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0674, 92.7128, 41.7977



63.4994, 92.7128, 76.5978



99.0021, 92.7128, 199.3812



118.4028, 92.7128, 129.9797

Sweetspot

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



78.0676, 92.7129, 41.7990



88.8101, 97.3475, 83.1110



58.9326, 48.0923, 34.1949



18.8017, 20.7478, 16.9513



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

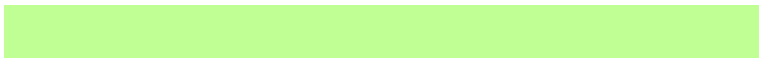
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0676, 92.7129, 41.7990



75.7968, 91.7134, 33.9575



62.5416, 84.7089, 41.0724



19.3488, 20.9812, 19.1743



35.2198, 45.8946, 7.0023



3.4840, 4.4968, 0.6843

Inverse Universe

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



43.1382, 35.8746, 99.2586



36.8251, 28.2613, 98.1218



55.8498, 42.4277, 99.8535



17.1921, 17.4753, 22.7169



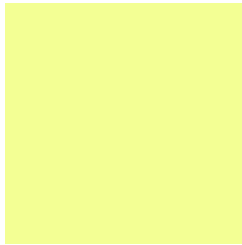
9.7504, 3.9370, 49.6806



1.0078, 0.4135, 4.8400

Previews

White Background



This preview shows how the XYZ color 78.0674, 92.7128, 41.7977 looks on a white background.

Color Contrast Check

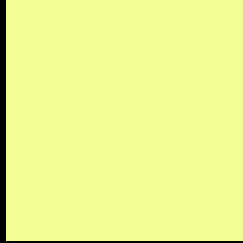
Large Text (above 18pt) WCAG AA × Fail

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 78.0674, 92.7128, 41.7977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

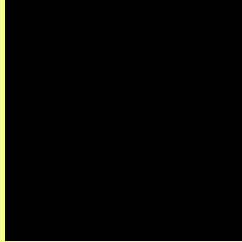
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0674, 92.7128, 41.7977

Background



This preview shows how black text looks on a background with the XYZ color 78.0674, 92.7128, 41.7977.

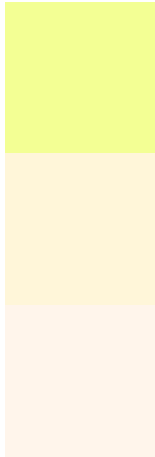


This preview shows how white text looks on a background with the XYZ color 78.0674, 92.7128,

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

78.0674, 92.7128, 41.7977

Protanopia

86.7202, 92.1813, 78.8678

Deuteranopia

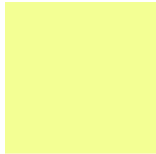
88.8878, 92.5630, 91.7788



Tritanopia

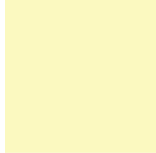
90.5456, 92.6168, 107.7123

Trichromacy



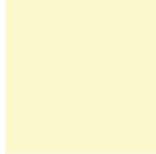
Original Color

78.0674, 92.7128, 41.7977



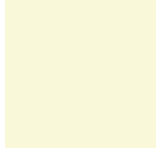
Protanomaly

83.1738, 92.0664, 63.2560



Deuteranomaly

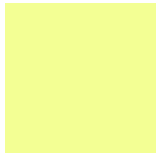
84.4388, 92.5724, 69.9178



Tritanomaly

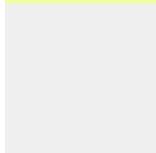
85.0290, 92.2324, 78.2869

Monochromacy



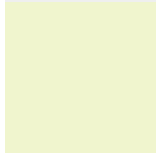
Original Color

78.0674, 92.7128, 41.7977



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.7282, 88.2863, 71.2314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0674, 92.7128, 41.7977 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(243, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 148)  
}
```

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(243, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 148) }
```

Border

The CSS property to change the border of an element to XYZ 78.0674, 92.7128, 41.7977 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(243, 255, 148) }
```


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

```
.border{ border-color:rgb(243, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 255, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 255, 148); box-shadow:4px 4px 4px 4px rgb(243, 255, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0674, 92.7128, 41.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 148) }
```

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

```
.background{ background-color: rgb(243,  
255, 148) }
```

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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