

Converting Colors

XYZ(90.4648, 100.0000,
97.4876)

Have a look what the booklet for
XYZ(90.4648, 100.0000, 97.4876)
contains.

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Color

**XYZ(88.9454, 97.1040,
97.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFF1
RGB	244, 255, 241
RGB Percent	96%, 100%, 95%
CMY	0.0431, 0.0000, 0.0549
CMYK	0.04, 0.00, 0.05, 0.00
HSL	107°, 100%, 97%
HSV	107°, 5%, 100%
XYZ	88.9454, 97.1040, 97.2741
YIQ	250.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

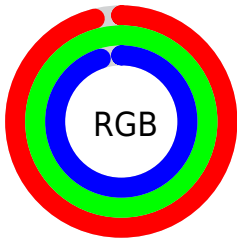
Format	Color
R_{YB}	241, 255, 252
Decimal	16056305
CIE _{Lab}	98.87, -6.06, 5.43
CIE _{LCh}	99, 8.137, 138.167
Y _{xy}	97.1040, 0.3139, 0.3427
Android (android.graphics.Color)	4294246385 (0xFFFF4FFF1)
YUV	250.1150, -4.4937, -5.3629
Hunter-Lab	98.5414, -11.3297, 10.4514

Details

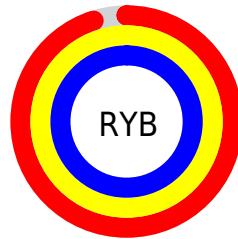
The XYZ color 88.9454, 97.1040, 97.2741 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6509, 90.8272, 107.4140, and the grayscale version is 90.9980, 95.7370, 104.2576.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6901, 54.5823, 53.8154 is the 20% darker color. If you saturate the color by 10%, you get 78.8202, 92.2940, 78.2888, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

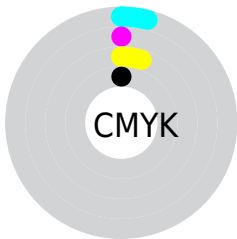
Distribution



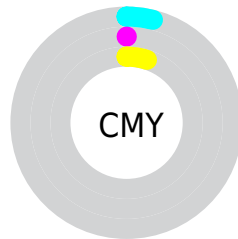
- Red (96%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9454, 97.1040, 97.2741 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 88.9454, 97.1040, 97.2741 by changing the saturation by 10% instead.

88.9454, 97.1040,
97.2741

88.9454, 97.1040,
97.2741

512.8835,
550.8790, 572.5892

67.4397, 73.8874,
73.4218

144.7584,
157.1682, 159.4251

49.7140, 54.7019,
53.8270

179.7965,
194.7845, 198.5610

35.4031, 39.1631,
38.0712

220.0760,
237.9696, 243.6285

24.1415, 26.8866,
25.7357

265.9624,
287.1077, 295.0462

15.5639, 17.4881,
16.4020

317.8210,
342.5833, 353.2325

9.3050, 10.5831,
9.6516

376.0171,

4.9994, 5.7872,

404.7808, 418.6061

5.0660

440.9161,
474.0846, 491.5855

■ 2.2816, 2.7161,
2.2266

■ 0.7852, 0.9854,
0.6897

■ 88.9454, 97.1040,
97.2741

■ 88.9454, 97.1040,
97.2741

■ 78.8202, 92.2940,
78.2888

95.0500, 100.0000,
108.9000

■ 69.9371, 88.0653,
62.0285

■ 62.2481, 84.3958,
48.3692

■ 55.7010, 81.2616,
37.1761

■ 50.2396, 78.6369,
28.3019

■ 45.8030, 76.4938,
21.5836

■ 42.3234, 74.8015,
16.8374

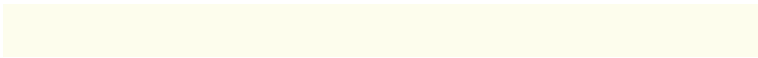
■ 39.7247, 73.5253,
13.8485

■ 37.9169, 72.6246,
12.3516

Harmonies

Analogous

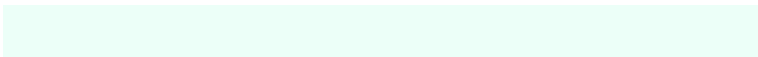
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8830, 97.1040, 93.8247



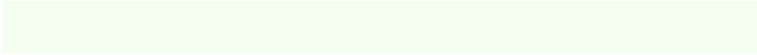
88.9454, 97.1040, 97.2741



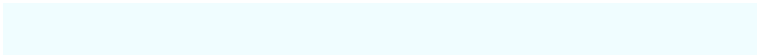
87.9121, 97.1040, 103.0799

Triad

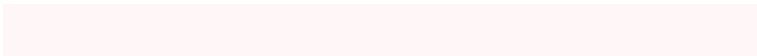
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9454, 97.1040, 97.2741



91.3645, 97.1040, 119.0043



96.6858, 97.1040, 101.7185

Complementary

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



88.9454, 97.1040, 97.2741



89.6509, 90.8272, 107.4140

Split Complementary

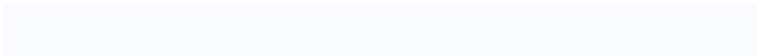
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.8201, 97.1040, 108.4246



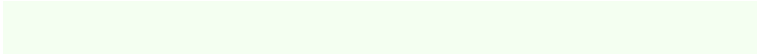
88.9454, 97.1040, 97.2741



93.7204, 97.1040, 118.6015

Square

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



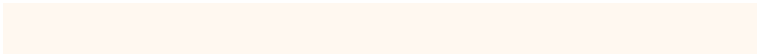
88.9454, 97.1040, 97.2741



89.2927, 97.1040, 115.7398



95.7265, 97.1040, 114.6617



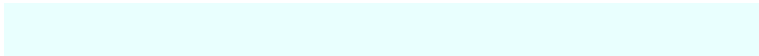
95.3627, 97.1040, 96.3141

Rectangle

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



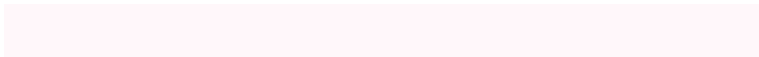
88.9454, 97.1040, 97.2741



87.8632, 97.1040, 107.5918



95.7265, 97.1040, 114.6617



96.8722, 97.1040, 103.8893

Sweetspot

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



88.9462, 97.1043, 97.2756



92.7807, 98.9238, 104.5644



91.9175, 97.2111, 97.1396



19.8827, 21.1850, 22.4265



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.



88.9462, 97.1043, 97.2756



87.3351, 96.3396, 94.2281



88.5128, 96.8117, 100.3820



18.5573, 20.5560, 19.9119



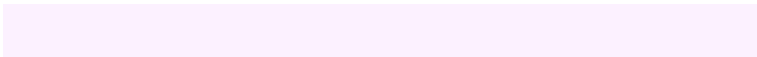
19.5991, 37.8418, 6.2712



1.9952, 3.7293, 0.6147

Inverse Universe

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



89.6509, 90.8272, 107.4140



88.2244, 88.4170, 107.0240



90.1138, 91.1389, 104.1368



18.7632, 18.7216, 22.8747



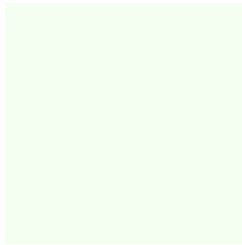
22.0586, 10.2821, 50.2566



2.2381, 1.0477, 4.8975

Previews

White Background



This preview shows how the XYZ color 88.9454, 97.1040, 97.2741 looks on a white background.

Color Contrast Check

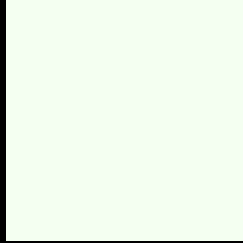
Large Text (above 18pt) WCAG AA × Fail

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 88.9454, 97.1040, 97.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

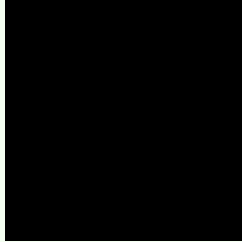
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

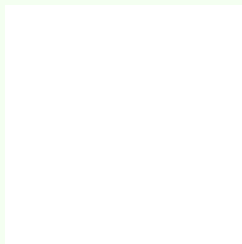
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.9454, 97.1040, 97.2741

Background



This preview shows how black text looks on a background with the XYZ color 88.9454, 97.1040, 97.2741.



This preview shows how white text looks on a background with the XYZ color 88.9454, 97.1040,

97.241.

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

88.9454, 97.1040, 97.2741



Protanopia

92.3717, 96.9082, 101.0254

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.9454, 97.1040, 97.2741

Protanomaly

90.9232, 96.6617, 99.4534

Deuteranomaly

91.3826, 96.8454, 101.8723

Tritanomaly

90.7771, 96.4794, 104.2804

Monochromacy



Original Color

88.9454, 97.1040, 97.2741

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.3103, 96.2927, 101.8222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9454, 97.1040, 97.2741 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(244, 255, 241) looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 241)  
}
```

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(244, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 88.9454, 97.1040, 97.2741 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(244, 255, 241) }
```


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

```
.border{ border-color:rgb(244, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9454, 97.1040, 97.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 241) }
```

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

```
.background{ background-color: rgb(244,  
255, 241) }
```

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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