

Converting Colors

XYZ(89.7920, 100.0000,
83.9592)

Have a look what the booklet for
XYZ(89.7920, 100.0000, 83.9592)
contains.

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Color

**XYZ(88.3692, 97.1179,
83.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFDE
RGB	250, 255, 222
RGB Percent	98%, 100%, 87%
CMY	0.0196, 0.0000, 0.1294
CMYK	0.02, 0.00, 0.13, 0.00
HSL	69°, 100%, 94%
HSV	69°, 13%, 100%
XYZ	88.3692, 97.1179, 83.1953
YIQ	249.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

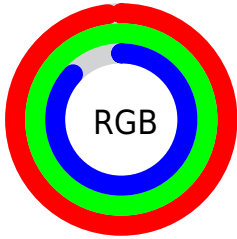
Format	Color
R _Y B	222, 255, 227
Decimal	16449502
CIE Lab	98.87, -7.14, 15.22
CIE LCh	99, 16.811, 115.150
Yxy	97.1179, 0.3289, 0.3615
Android (android.graphics.Color)	4294639582 (0xFFFAFFDE)
YUV	249.7430, -13.6773, 0.2254
Hunter-Lab	98.5484, -12.3973, 18.9308

Details

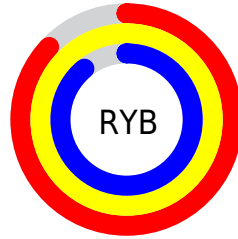
The XYZ color **88.3692, 97.1179, 83.1953** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.8506, 75.7946, 105.2398**, and the grayscale version is **90.7584, 95.4849, 103.9831**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1615, 54.5156, 44.4907** is the 20% darker color. If you saturate the color by 10%, you get **83.8356, 95.1463, 66.4711**, and if you desaturate by 10%, it is **93.4494, 99.3116, 102.6461**.

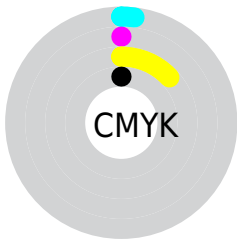
Distribution



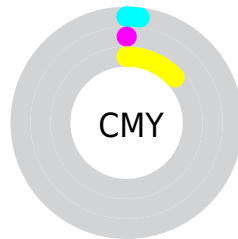
- Red (98%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3692, 97.1179, 83.1953 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 88.3692, 97.1179, 83.1953 by changing the saturation by 10% instead.

88.3692, 97.1179,
83.1953

88.3692, 97.1179,
83.1953

511.0288,
550.9232, 525.6252

66.9607, 73.8990,
61.8097

143.9610,
157.1873, 139.7006

49.3233, 54.7113,
44.4442

178.8749,
194.8066, 175.6575

35.0916, 39.1707,
30.6801

219.0214,
237.9948, 217.3085

23.9003, 26.8925,
20.0990

264.7657,
287.1363, 265.0723

15.3840, 17.4925,
12.2822

316.4732,
342.6155, 319.3673

9.1774, 10.5863,
6.8113

374.5094,

4.9151, 5.7894,

404.8168, 380.6121

3.2677

439.2395,
474.1246, 449.2252

■ 2.2318, 2.7174,
1.2329

■ 0.7594, 0.9861,
0.0058

■ 88.3692, 97.1179,
83.1953

■ 88.3692, 97.1179,
83.1953

■ 83.8356, 95.1463,
66.4711

■ 93.4494, 99.3116,
102.6461

■ 79.8234, 93.3864,
52.3473

95.0500, 100.0000,
108.9000

■ 76.3082, 91.8285,
40.6943

■ 73.2627, 90.4617,
31.3694

■ 70.6569, 89.2740,
24.2158

■ 68.4572, 88.2520,
19.0568

■ 66.6247, 87.3799,
15.6886

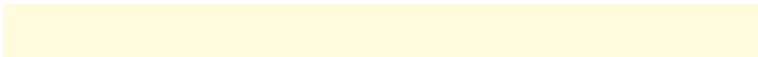
■ 65.1121, 86.6390,
13.8636

■ 64.1886, 86.1755,
13.2504

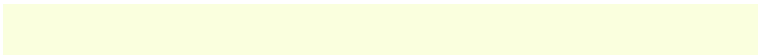
Harmonies

Analogous

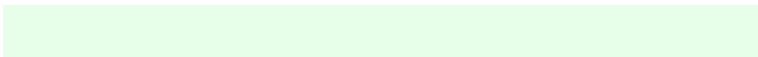
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1049, 97.1179, 81.1194



88.3692, 97.1179, 83.1953



84.8047, 97.1179, 91.0922

Triad

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



88.3692, 97.1179, 83.1953



87.0385, 97.1179, 129.4177



101.9967, 97.1179, 108.0379

Complementary

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



88.3692, 97.1179, 83.1953



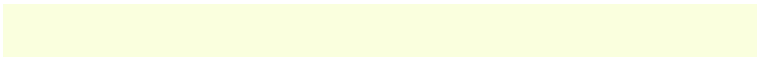
75.8506, 75.7946, 105.2398

Split Complementary

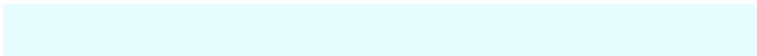
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.2405, 97.1179, 121.8902



88.3692, 97.1179, 83.1953



91.5150, 97.1179, 134.9088

Square

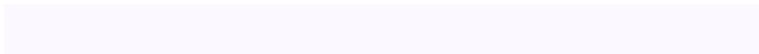
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



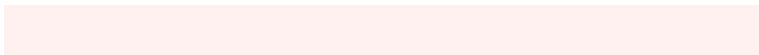
88.3692, 97.1179, 83.1953



84.0557, 97.1179, 117.6064



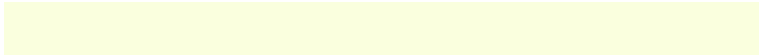
96.3614, 97.1179, 132.0400



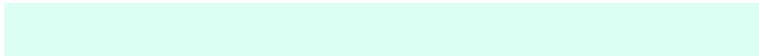
101.0827, 97.1179, 94.7090

Rectangle

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



88.3692, 97.1179, 83.1953



83.5145, 97.1179, 98.9928



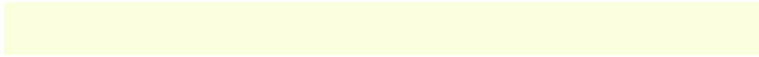
96.3614, 97.1179, 132.0400



101.6973, 97.1179, 112.7972

Sweetspot

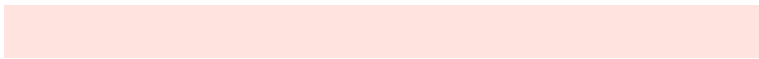
The Sweet Spot groups the original color and five complimentary colors.



88.3699, 97.1183, 83.1967



92.8847, 99.0685, 100.4528



81.8810, 81.4458, 80.5136



19.7962, 21.1681, 21.1719



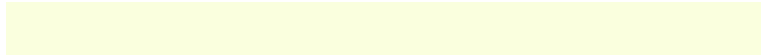
0.0000, 0.0000, 0.0000



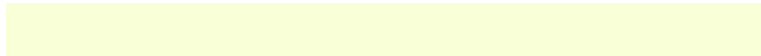
20.3446, 21.4041, 23.3091

Same Dimension

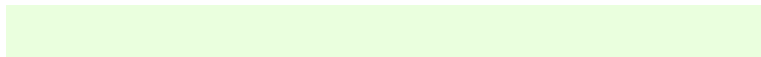
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3699, 97.1183, 83.1967



86.9257, 96.4918, 77.7956



82.7296, 94.2106, 82.9328



19.2749, 20.9432, 19.1709



33.6422, 45.0813, 6.9284



3.3456, 4.4255, 0.6779

Inverse Universe

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



75.8506, 75.7946, 105.2398



71.7778, 70.6895, 104.4691



81.2897, 78.5986, 105.4944



17.2591, 17.5098, 22.7200



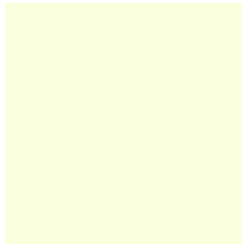
9.9374, 4.0334, 49.6893



1.0392, 0.4296, 4.8414

Previews

White Background



This preview shows how the XYZ color 88.3692, 97.1179, 83.1953 looks on a white background.

Color Contrast Check

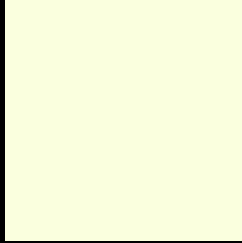
Large Text (above 18pt) WCAG AA × Fail

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 88.3692, 97.1179, 83.1953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

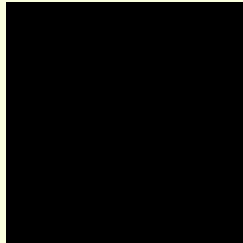
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3692, 97.1179, 83.1953

Background



This preview shows how black text looks on a background with the XYZ color 88.3692, 97.1179, 83.1953.



This preview shows how white text looks on a background with the XYZ color 88.3692, 97.1179,

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

88.3692, 97.1179, 83.1953



Protanopia

91.9148, 96.7254, 98.6195

Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

93.0552, 97.0970, 108.4448

Trichromacy



Original Color

88.3692, 97.1179, 83.1953



Protanomaly

90.3138, 96.5016, 92.4639



Deuteranomaly

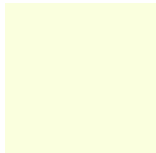
90.8984, 96.7354, 95.5423



Tritanomaly

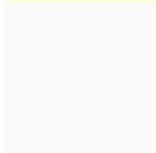
91.1329, 96.7873, 98.6726

Monochromacy



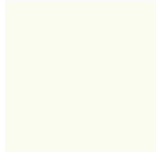
Original Color

88.3692, 97.1179, 83.1953



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

89.9629, 96.2361, 96.2719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3692, 97.1179, 83.1953 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(250, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 222)  
}
```

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(250, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 88.3692, 97.1179, 83.1953 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(250, 255, 222) }
```


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

```
.border{ border-color:rgb(250, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3692, 97.1179, 83.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 222) }
```

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

```
.background{ background-color: rgb(250,  
255, 222) }
```

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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