

Converting Colors

XYZ(90.6945, 98.0907, 93.5110)

Have a look what the booklet for
XYZ(90.6945, 98.0907, 93.5110)
contains.

XYZ(90.6840, 98.0854, 93.5097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(90.6840, 98.0854,
93.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFEC
RGB	251, 255, 236
RGB Percent	98%, 100%, 93%
CMY	0.0157, 0.0000, 0.0745
CMYK	0.02, 0.00, 0.07, 0.00
HSL	73°, 100%, 96%
HSV	73°, 7%, 100%
XYZ	90.6840, 98.0854, 93.5097
YIQ	251.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

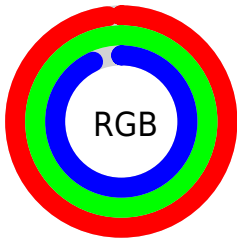
Format	Color
R _Y B	236, 255, 240
Decimal	16515052
CIE Lab	99.25, -4.56, 8.61
CIE LCh	99, 9.742, 117.903
Yxy	98.0854, 0.3213, 0.3475
Android (android.graphics.Color)	4294705132 (0xFFFBFFEC)
YUV	251.6380, -7.7095, -0.5595
Hunter-Lab	99.0381, -9.8735, 13.3463

Details

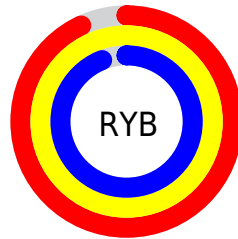
The XYZ color 90.6840, 98.0854, 93.5097 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.9814, 85.7374, 106.7304, and the grayscale version is 92.2846, 97.0906, 105.7316.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.6804, 55.1528, 51.1544 is the 20% darker color. If you saturate the color by 10%, you get 85.3333, 95.7249, 75.2803, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

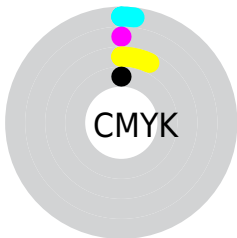
Distribution



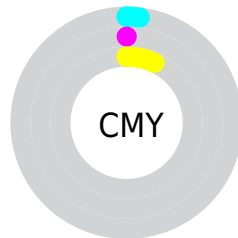
- Red (98%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.6840, 98.0854, 93.5097 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 90.6840, 98.0854, 93.5097 by changing the saturation by 10% instead.

90.6840, 98.0854,
93.5097

90.6840, 98.0854,
93.5097

518.4582,
553.9961, 560.2449

68.8862, 74.7056,
70.3052

147.1617,
158.5204, 154.1819

50.8954, 55.3717,
51.2970

182.5723,
196.3444, 192.4867

36.3460, 39.6994,
36.0667

223.2512,
239.7519, 236.6619

24.8729, 27.3043,
24.1956

269.5638,
289.1273, 287.1263

16.1106, 17.8019,
15.2652

321.8755,
344.8551, 344.2982

9.6938, 10.8078,
8.8571

380.5515,

5.2571, 5.9378,

407.3195, 408.5962

4.5525

445.9573,
476.9051, 480.4389

■ 2.4352, 2.8073,
1.9331

■ 0.8627, 1.0320,
0.5137

■ 90.6840, 98.0854,
93.5097

■ 90.6840, 98.0854,
93.5097

■ 85.3333, 95.7249,
75.2803

95.0500, 100.0000,
108.9000

■ 80.5430, 93.5949,
59.7205

■ 76.2895, 91.6858,
46.7059

■ 72.5465, 89.9870,
36.1006

■ 69.2853, 88.4871,
27.7558

■ 66.4741, 87.1733,
21.5066

■ 64.0768, 86.0311,
17.1653

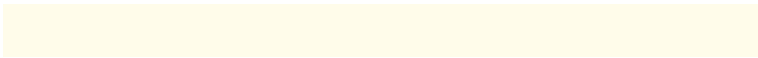
■ 62.0510, 85.0434,
14.5112

■ 60.3416, 84.1882,
13.2563

Harmonies

Analogous

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



93.4280, 98.0854, 91.8578



90.6840, 98.0854, 93.5097



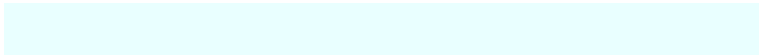
88.6577, 98.0854, 98.6677

Triad

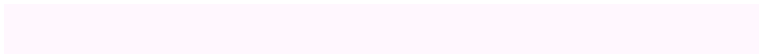
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6840, 98.0854, 93.5097



90.3432, 98.0854, 120.6654



98.8163, 98.0854, 107.3740

Complementary

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



90.6840, 98.0854, 93.5097



83.9814, 85.7374, 106.7304

Split Complementary

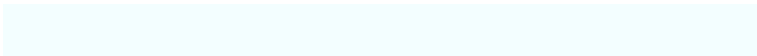
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.9512, 98.0854, 115.3638



90.6840, 98.0854, 93.5097



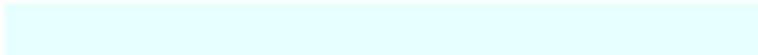
93.0267, 98.0854, 123.2770

Square

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



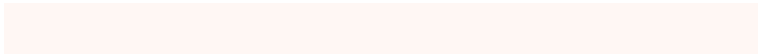
90.6840, 98.0854, 93.5097



88.4638, 98.0854, 114.3191



95.8176, 98.0854, 121.2898



98.1587, 98.0854, 99.6148

Rectangle

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



90.6840, 98.0854, 93.5097



87.9666, 98.0854, 103.5404



95.8176, 98.0854, 121.2898



98.6936, 98.0854, 110.1239

Sweetspot

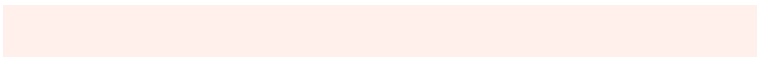
The Sweet Spot groups the original color and five complimentary colors.



90.6847, 98.0857, 93.5112



93.8458, 99.4728, 104.6143



87.4823, 89.5196, 92.0265



20.0995, 21.2968, 22.4366



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.



90.6847, 98.0857, 93.5112



89.8177, 97.7044, 90.5061



87.4161, 96.4007, 93.3582



19.1649, 20.8864, 19.1657



31.4471, 43.9497, 6.8257



3.1511, 4.3252, 0.6688

Inverse Universe

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



83.9814, 85.7374, 106.7304



81.8059, 82.9453, 106.3062



87.2202, 87.4070, 106.8820



17.3602, 17.5619, 22.7248



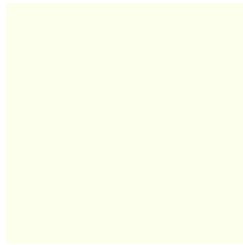
10.3165, 4.2288, 49.7071



1.0905, 0.4561, 4.8438

Previews

White Background



This preview shows how the XYZ color 90.6840, 98.0854, 93.5097 looks on a white background.

Color Contrast Check

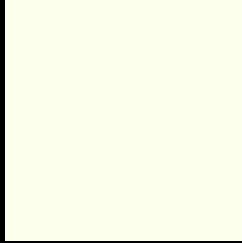
Large Text (above 18pt) WCAG AA × Fail

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 90.6840, 98.0854, 93.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

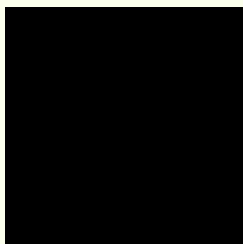
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.6840, 98.0854, 93.5097

Background



This preview shows how black text looks on a background with the XYZ color 90.6840, 98.0854, 93.5097.



This preview shows how white text looks on a background with the XYZ color 90.6840, 98.0854,

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

A vertical column of three color swatches. The top swatch is a light yellow-green, the middle is a light orange, and the bottom is a light pink. Each swatch is associated with a text label and a list of numerical values to its right.

Original Color

90.6840, 98.0854, 93.5097

Protanopia

93.3086, 98.2879, 102.8605

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.3684, 97.7235, 108.5492

Trichromacy

**Original Color**

90.6840, 98.0854, 93.5097

**Protanomaly**

92.6440, 98.4861, 99.7148

**Deuteranomaly**

92.6329, 97.9752, 101.2176

**Tritanomaly**

92.2134, 97.7233, 102.8093

Monochromacy

**Original Color**

90.6840, 98.0854, 93.5097

**Achromatopsia**

92.5260, 97.3445, 106.0082

**Achromatomaly**

91.9047, 97.5998, 101.1835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.6840, 98.0854, 93.5097 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(251, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 236)  
}
```

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(251, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 90.6840, 98.0854, 93.5097 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(251, 255, 236) }
```


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

```
.border{ border-color:rgb(251, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 90.6840, 98.0854, 93.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 236) }
```

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

```
.background{ background-color: rgb(251,  
255, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor