

Converting Colors

XYZ(90.2226, 97.3306, 93.0389)

Have a look what the booklet for
XYZ(90.2226, 97.3306, 93.0389)
contains.

XYZ(90.3658, 97.4490, 93.4036)	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(90.3658, 97.4490,
93.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFEEC
RGB	251, 254, 236
RGB Percent	98%, 100%, 93%
CMY	0.0157, 0.0039, 0.0745
CMYK	0.01, 0.00, 0.07, 0.00
HSL	70°, 90%, 96%
HSV	70°, 7%, 100%
XYZ	90.3658, 97.4490, 93.4036
YIQ	251.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

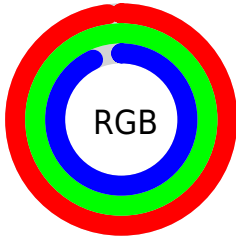
Format	Color
R_{YB}	236, 254, 239
Decimal	16514796
CIE Lab	99.01, -4.06, 8.25
CIE LCh	99, 9.195, 116.194
Yxy	97.4490, 0.3213, 0.3465
Android (android.graphics.Color)	4294704876 (0xFFFBFEEC)
YUV	251.0510, -7.4201, -0.0447
Hunter-Lab	98.7163, -9.3529, 13.0022

Details

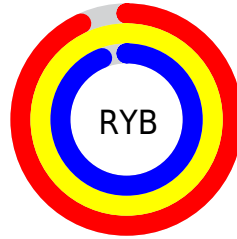
The XYZ color 90.3658, 97.4490, 93.4036 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.4852, 85.5000, 105.8741, and the grayscale version is 91.7966, 96.5772, 105.1725.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4526, 54.6971, 51.0785 is the 20% darker color. If you saturate the color by 10%, you get 85.4256, 95.3016, 75.2589, and if you desaturate by 10%, it is 94.7338, 99.3675, 108.7946.

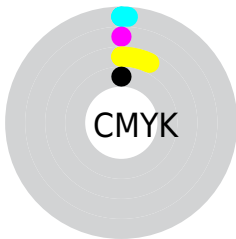
Distribution



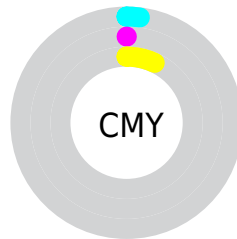
- Red (98%)
- Green (100%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.3658, 97.4490, 93.4036 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 90.3658, 97.4490, 93.4036 by changing the saturation by 10% instead.

90.3658, 97.4490,
93.4036

90.3658, 97.4490,
93.4036

517.4402,
551.9758, 559.8948

68.6214, 74.1750,
70.2175

146.7222,
157.6437, 154.0338

50.6789, 54.9372,
51.2260

182.0648,
195.3331, 192.3150

36.1731, 39.3515,
36.0105

222.6709,
238.5965, 236.4649

24.7387, 27.0333,
24.1525

268.9057,
287.8181, 286.9021

16.0102, 17.5982,
15.2336

321.1347,
343.3825, 344.0452

9.6222, 10.6619,
8.8350

379.7233,

5.2096, 5.8400,

405.6740, 408.3126

4.5384

445.0366,
475.0770, 480.1230

■ 2.4067, 2.7480,
1.9251

■ 0.8485, 1.0016,
0.5086

■ 90.3658, 97.4490,
93.4036

■ 90.3658, 97.4490,
93.4036

■ 85.4256, 95.3016,
75.2589

94.7338, 99.3675,
108.7946

■ 81.0196, 93.3687,
59.7618

■ 77.1266, 91.6449,
46.7903

■ 73.7210, 90.1199,
36.2099

■ 70.7746, 88.7824,
27.8741

■ 68.2564, 87.6200,
21.6201

■ 66.1309, 86.6185,
17.2630

■ 64.3567, 85.7613,
14.5856

■ 62.8808, 85.0272,
13.3101

Harmonies

Analogous

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



92.9649, 97.4490, 92.0477



90.3658, 97.4490, 93.4036



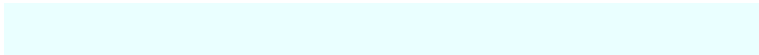
88.4053, 97.4490, 98.1026

Triad

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



90.3658, 97.4490, 93.4036



89.7842, 97.4490, 118.8496



97.8609, 97.4490, 107.0882

Complementary

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



90.3658, 97.4490, 93.4036



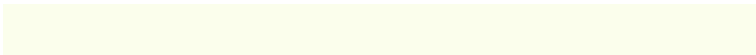
83.4852, 85.5000, 105.8741

Split Complementary

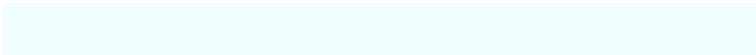
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9715, 97.4490, 114.5320



90.3658, 97.4490, 93.4036



92.2807, 97.4490, 121.5261

Square

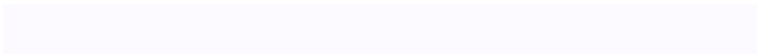
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



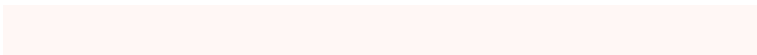
90.3658, 97.4490, 93.4036



88.0740, 97.4490, 112.7555



94.9162, 97.4490, 119.9095



97.3246, 97.4490, 99.7221

Rectangle

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



90.3658, 97.4490, 93.4036



87.7067, 97.4490, 102.6217



94.9162, 97.4490, 119.9095



97.7183, 97.4490, 109.6670

Sweetspot

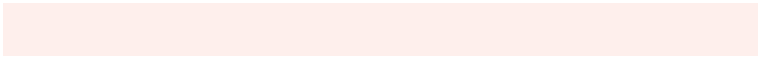
The Sweet Spot groups the original color and five complimentary colors.



90.3685, 97.4532, 93.4057



93.9272, 99.5148, 104.6181



86.8831, 88.8627, 91.9313



20.1161, 21.3054, 22.4374



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.



90.3685, 97.4532, 93.4057



90.1774, 97.8898, 90.5229



87.2034, 95.8216, 93.2576



19.2461, 20.9283, 19.1695



33.0492, 44.7756, 6.9007



3.2933, 4.3985, 0.6754

Inverse Universe

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



83.4852, 85.5000, 105.8741



81.4730, 82.7738, 106.2906



86.5994, 87.1054, 106.0198



17.2854, 17.5234, 22.7213



10.0247, 4.0784, 49.6934



1.0516, 0.4360, 4.8420

Previews

White Background



This preview shows how the XYZ color 90.3658, 97.4490, 93.4036 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 90.3658, 97.4490, 93.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

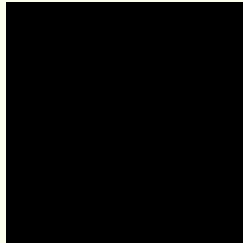
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.3658, 97.4490, 93.4036

Background



This preview shows how black text looks on a background with the XYZ color 90.3658, 97.4490, 93.4036.



This preview shows how white text looks on a background with the XYZ color 90.3658, 97.4490,

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

90.3658, 97.4490, 93.4036

Protanopia

92.6850, 97.5346, 101.1298

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

93.3684, 97.7235, 108.5492

Trichromacy



Original Color

90.3658, 97.4490, 93.4036

Protanomaly

92.0253, 97.7322, 98.0183

Deuteranomaly

92.3180, 97.3455, 101.1127

Tritanomaly

92.2134, 97.7233, 102.8093

Monochromacy



Original Color

90.3658, 97.4490, 93.4036

Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

91.2286, 96.7839, 101.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.3658, 97.4490, 93.4036 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, 254, 236) looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 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, 254, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 236) }
```

Border

The CSS property to change the border of an element to XYZ 90.3658, 97.4490, 93.4036 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, 254, 236) }
```


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

```
.border{ border-color:rgb(251, 254, 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, 254, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 90.3658, 97.4490, 93.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 236) }
```

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

```
.background{ background-color: rgb(251,  
254, 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