

Converting Colors

XYZ(90.6942, 97.9392,
100.3503)

Have a look what the booklet for
XYZ(90.6942, 97.9392, 100.3503)
contains.

XYZ(90.5992, 97.8867, 100.5051)	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(90.5992, 97.8867,
100.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FFF5
RGB	247, 255, 245
RGB Percent	97%, 100%, 96%
CMY	0.0314, 0.0000, 0.0392
CMYK	0.03, 0.00, 0.04, 0.00
HSL	108°, 100%, 98%
HSV	108°, 4%, 100%
XYZ	90.5992, 97.8867, 100.5051
YIQ	251.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

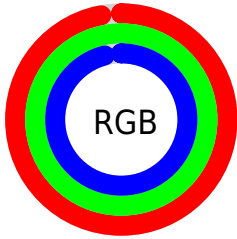
Format	Color
R _Y B	245, 255, 253
Decimal	16252917
CIE Lab	99.18, -4.38, 3.85
CIE LCh	99, 5.828, 138.678
Yxy	97.8867, 0.3135, 0.3387
Android (android.graphics.Color)	4294442997 (0xFFFF7FFF5)
YUV	251.4680, -3.1887, -3.9184
Hunter-Lab	98.9377, -9.6850, 9.0271

Details

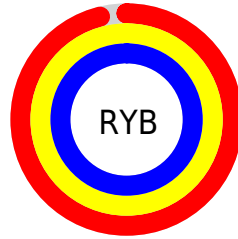
The XYZ color 90.5992, 97.8867, 100.5051 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.2110, 93.4086, 107.8301, and the grayscale version is 92.1097, 96.9066, 105.5313.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.8652, 55.1387, 56.1061 is the 20% darker color. If you saturate the color by 10%, you get 80.1656, 92.9272, 81.0763, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

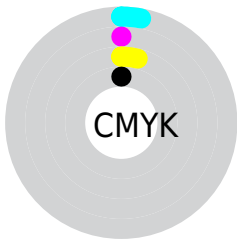
Distribution



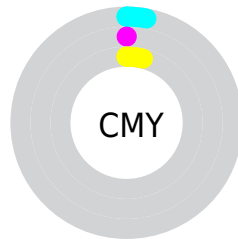
- Red (97%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.5992, 97.8867, 100.5051 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 90.5992, 97.8867, 100.5051 by changing the saturation by 10% instead.


 90.5992, 97.8867,
100.5051

 90.5992, 97.8867,
100.5051


518.1870,
553.3657, 583.0714

 68.8156, 74.5399,
76.1032


147.0446,
158.2467, 163.9091

 50.8377, 55.2360,
56.0100


182.4371,
196.0288, 203.7482

 36.3000, 39.5907,
39.8069


223.0966,
239.3913, 249.5702

 24.8371, 27.2196,
27.0754

269.3885,
288.7188, 301.7935

 16.0838, 17.7382,
17.3969

321.6781,
344.3955, 360.8368

 9.6747, 10.7622,
10.3529

380.3308,

 5.2444, 5.9072,

406.8060, 427.1185

5.5249

445.7120,
476.3346, 501.0571

■ 2.4276, 2.7887,
2.4944

■ 0.8589, 1.0224,
0.8372

■ 90.5992, 97.8867,
100.5051

■ 90.5992, 97.8867,
100.5051

■ 80.1656, 92.9272,
81.0763

95.0500, 100.0000,
108.9000

■ 71.0077, 88.5660,
64.3924

■ 63.0767, 84.7804,
50.3311

■ 56.3192, 81.5459,
38.7589

■ 50.6783, 78.8363,
29.5306

■ 46.0917, 76.6230,
22.4861

■ 42.4910, 74.8747,
17.4449

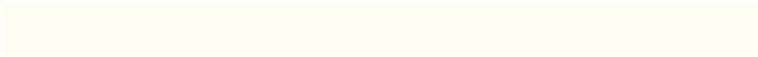
■ 39.7991, 73.5560,
14.1981

■ 37.9258, 72.6261,
12.4903

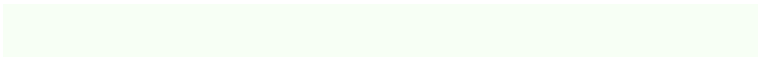
Harmonies

Analogous

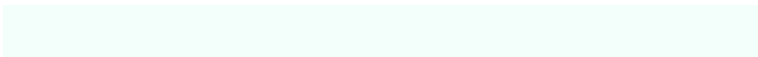
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9930, 97.8867, 97.9370



90.5992, 97.8867, 100.5051



89.8623, 97.8867, 104.7503

Triad

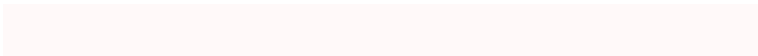
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5992, 97.8867, 100.5051



92.3966, 97.8867, 116.0508



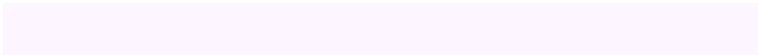
96.1771, 97.8867, 103.6049

Complementary

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



90.5992, 97.8867, 100.5051



91.2110, 93.4086, 107.8301

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.



96.2884, 97.8867, 108.4349



90.5992, 97.8867, 100.5051



94.0917, 97.8867, 115.7212

Square

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



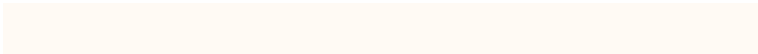
90.5992, 97.8867, 100.5051



90.8916, 97.8867, 113.7860



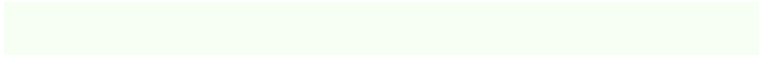
95.5209, 97.8867, 112.8990



95.2187, 97.8867, 99.6886

Rectangle

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



90.5992, 97.8867, 100.5051



89.8367, 97.8867, 108.0042



95.5209, 97.8867, 112.8990



96.3152, 97.8867, 105.1723

Sweetspot

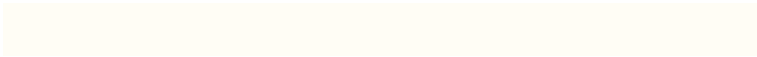
The Sweet Spot groups the original color and five complimentary colors.



90.6001, 97.8871, 100.5066



93.8956, 99.4520, 106.7171



92.7945, 97.9983, 100.4124



20.1097, 21.2926, 22.8649



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.



90.6001, 97.8871, 100.5066



89.4111, 97.3224, 98.2740



90.3344, 97.6998, 102.7693



18.9737, 20.7531, 20.7273



19.4941, 37.7877, 6.2663



1.9817, 3.7223, 0.6140

Inverse Universe

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



91.2110, 93.4086, 107.8301



90.1846, 91.6527, 107.5452



91.4901, 93.6048, 105.4799



19.1616, 19.3756, 22.9799



22.5676, 10.5445, 50.2804



2.2835, 1.0711, 4.8997

Previews

White Background



This preview shows how the XYZ color 90.5992, 97.8867, 100.5051 looks on a white background.

Color Contrast Check

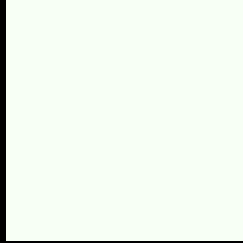
Large Text (above 18pt) WCAG AA × Fail

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 90.5992, 97.8867, 100.5051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

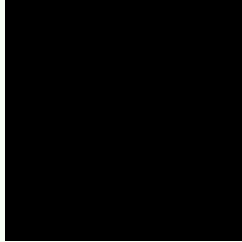
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.5992, 97.8867, 100.5051

Background



This preview shows how black text looks on a background with the XYZ color 90.5992, 97.8867, 100.5051.



This preview shows how white text looks on a background with the XYZ color 90.5992, 97.8867,

100.5051.

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

90.5992, 97.8867, 100.5051



Protanopia

93.1493, 97.7204, 103.5750

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

90.5992, 97.8867, 100.5051

Protanomaly

92.2134, 97.7233, 102.8093

Deuteranomaly

92.3690, 97.7856, 103.6287

Tritanomaly

91.9622, 97.5396, 105.2469

Monochromacy



Original Color

90.5992, 97.8867, 100.5051



Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

91.3336, 96.7844, 103.4900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.5992, 97.8867, 100.5051 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(247, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 245)  
}
```

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(247, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 90.5992, 97.8867, 100.5051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

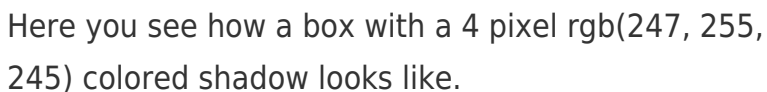
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 255, 245) }
```


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

```
.border{ border-color:rgb(247, 255, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 255, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 255, 245); box-shadow:4px 4px 4px 4px rgb(247, 255, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 90.5992, 97.8867, 100.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 245) }
```

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

```
.background{ background-color: rgb(247,  
255, 245) }
```

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