

Converting Colors

XYZ(90.3424, 97.8025, 98.3176)

Have a look what the booklet for
XYZ(90.3424, 97.8025, 98.3176)
contains.

XYZ(90.1448, 97.7050, 98.1122)	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(90.1448, 97.7050,
98.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FFF2
RGB	247, 255, 242
RGB Percent	97%, 100%, 95%
CMY	0.0314, 0.0000, 0.0510
CMYK	0.03, 0.00, 0.05, 0.00
HSL	97°, 100%, 97%
HSV	97°, 5%, 100%
XYZ	90.1448, 97.7050, 98.1122
YIQ	251.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

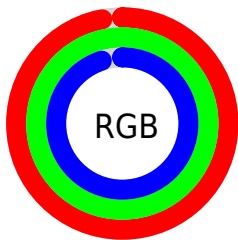
Format	Color
R _Y B	242, 255, 250
Decimal	16252914
CIE Lab	99.11, -4.89, 5.28
CIE LCh	99, 7.201, 132.808
Yxy	97.7050, 0.3152, 0.3417
Android (android.graphics.Color)	4294442994 (0xFFFF7FFF2)
YUV	251.1260, -4.4991, -3.6185
Hunter-Lab	98.8458, -10.1929, 10.3421

Details

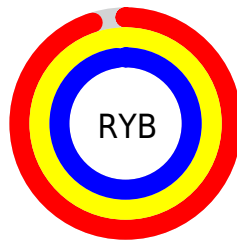
The XYZ color 90.1448, 97.7050, 98.1122 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.2271, 91.0494, 107.4793, and the grayscale version is 91.8352, 96.6178, 105.2168.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.5429, 55.0097, 54.4084 is the 20% darker color. If you saturate the color by 10%, you get 81.2748, 93.5444, 79.0787, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

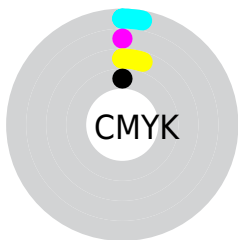
Distribution



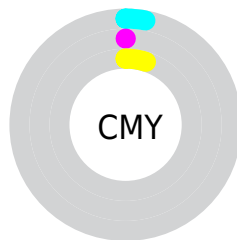
- Red (97%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.1448, 97.7050, 98.1122 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 90.1448, 97.7050, 98.1122 by changing the saturation by 10% instead.

90.1448, 97.7050,
98.1122

90.1448, 97.7050,
98.1122

516.7326,
552.7890, 575.3180

68.4374, 74.3884,
74.1168

146.4168,
157.9964, 160.5897

50.5286, 55.1120,
54.3923

181.7122,
195.7400, 199.9088

36.0531, 39.4914,
38.5201

222.2676,
239.0614, 245.1730

24.6455, 27.1422,
26.0816

268.4484,
288.3450, 296.8007

15.9405, 17.6801,
16.6584

320.6200,
343.9751, 355.2106

9.5726, 10.7205,
9.8319

379.1476,

5.1766, 5.8792,

406.3363, 420.8210

5.1835

444.3967,
475.8127, 494.0506

■ 2.3871, 2.7718,
2.2947

■ 0.8387, 1.0138,
0.7282

■ 90.1448, 97.7050,
98.1122

■ 90.1448, 97.7050,
98.1122

■ 81.2748, 93.5444,
79.0787

95.0500, 100.0000,
108.9000

■ 73.3704, 89.8225,
62.7617

■ 66.3972, 86.5242,
49.0386

■ 60.3173, 83.6329,
37.7754

■ 55.0903, 81.1310,
28.8260

■ 50.6722, 78.9992,
22.0293

■ 47.0141, 77.2165,
17.2029

■ 44.0609, 75.7589,
14.1346

■ 41.7469, 74.5983,
12.5628

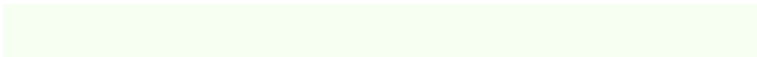
Harmonies

Analogous

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



91.9721, 97.7050, 95.4863



90.1448, 97.7050, 98.1122



89.0560, 97.7050, 102.9977

Triad

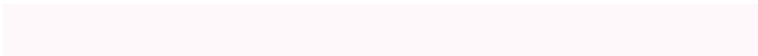
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1448, 97.7050, 98.1122



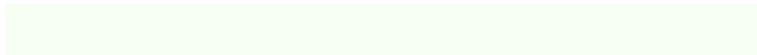
91.6756, 97.7050, 117.8355



96.8648, 97.7050, 103.8374

Complementary

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



90.1448, 97.7050, 98.1122



89.2271, 91.0494, 107.4793

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.



96.7825, 97.7050, 109.8439



90.1448, 97.7050, 98.1122



93.7650, 97.7050, 118.0811

Square

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



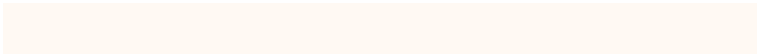
90.1448, 97.7050, 98.1122



89.9306, 97.7050, 114.4495



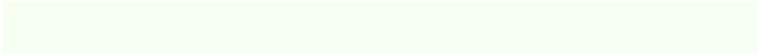
95.6407, 97.7050, 115.1084



95.8640, 97.7050, 98.7069

Rectangle

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



90.1448, 97.7050, 98.1122



88.8851, 97.7050, 106.9525



95.6407, 97.7050, 115.1084



96.9634, 97.7050, 105.8178

Sweetspot

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



90.1456, 97.7053, 98.1137



93.0944, 99.0855, 104.5791



91.3910, 95.9184, 97.7031



19.9466, 21.2180, 22.4295



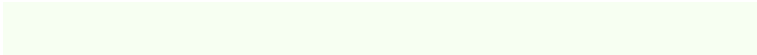
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



90.1456, 97.7053, 98.1137



89.3043, 97.3113, 96.2807



88.6018, 96.8869, 99.0643



18.9856, 20.7681, 20.3272



21.4759, 38.8093, 6.3591



2.2085, 3.8393, 0.6247

Inverse Universe

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



89.2271, 91.0494, 107.4793



88.2298, 89.5246, 107.2375



90.8341, 91.9019, 106.4658



18.7317, 18.9282, 22.9162



16.8603, 7.6023, 50.0133



1.7637, 0.8031, 4.8753

Previews

White Background



This preview shows how the XYZ color 90.1448, 97.7050, 98.1122 looks on a white background.

Color Contrast Check

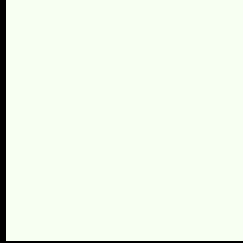
Large Text (above 18pt) WCAG AA × Fail

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 90.1448, 97.7050, 98.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

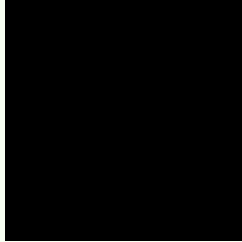
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.1448, 97.7050, 98.1122

Background



This preview shows how black text looks on a background with the XYZ color 90.1448, 97.7050, 98.1122.



This preview shows how white text looks on a background with the XYZ color 90.1448, 97.7050,

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 bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light yellow bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

90.1448, 97.7050, 98.1122

Protanopia

92.9937, 97.6581, 102.7555

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

90.1448, 97.7050, 98.1122

Protanomaly

91.9047, 97.5998, 101.1835

Deuteranomaly

92.2134, 97.7233, 102.8093

Tritanomaly

91.8049, 97.4767, 104.4187

Monochromacy



Original Color

90.1448, 97.7050, 98.1122



Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

91.1780, 96.7221, 102.6706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.1448, 97.7050, 98.1122 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 90.1448, 97.7050, 98.1122 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, 242) }
```


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

```
.border{ border-color:rgb(247, 255, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 90.1448, 97.7050, 98.1122 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, 242) }
```

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

```
.background{ background-color: rgb(247,  
255, 242) }
```

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