

Converting Colors

XYZ(90.8106, 98.0879, 96.3512)

Have a look what the booklet for
XYZ(90.8106, 98.0879, 96.3512)
contains.

XYZ(90.9125, 98.1353, 96.5885)	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(90.9125, 98.1353,
96.5885)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFF0
RGB	250, 255, 240
RGB Percent	98%, 100%, 94%
CMY	0.0196, 0.0000, 0.0588
CMYK	0.02, 0.00, 0.06, 0.00
HSL	80°, 100%, 97%
HSV	80°, 6%, 100%
XYZ	90.9125, 98.1353, 96.5885
YIQ	251.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

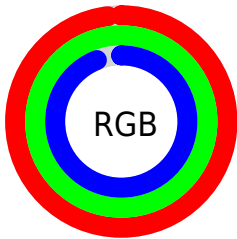
Format	Color
R _Y B	240, 255, 245
Decimal	16449520
CIE Lab	99.27, -4.23, 6.58
CIE LCh	99, 7.822, 122.740
Yxy	98.1353, 0.3183, 0.3436
Android (android.graphics.Color)	4294639600 (0xFFFAFFF0)
YUV	251.7950, -5.8149, -1.5742
Hunter-Lab	99.0633, -9.5474, 11.5354

Details

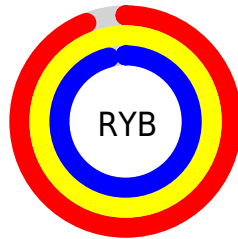
The XYZ color 90.9125, 98.1353, 96.5885 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.8671, 88.9539, 107.1992, and the grayscale version is 92.4013, 97.2134, 105.8654.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.0939, 55.3182, 53.3319 is the 20% darker color. If you saturate the color by 10%, you get 84.4092, 95.1900, 77.8796, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

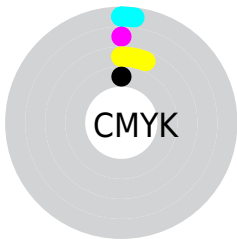
Distribution



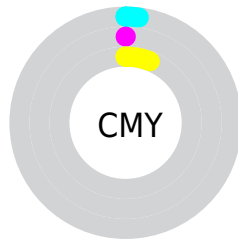
- Red (98%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.9125, 98.1353, 96.5885 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 90.9125, 98.1353, 96.5885 by changing the saturation by 10% instead.

90.9125, 98.1353,
96.5885

90.9125, 98.1353,
96.5885

519.1885,
554.1544, 570.3517

69.0765, 74.7472,
72.8536

147.4772,
158.5891, 158.4718

51.0509, 55.4058,
53.3652

182.9365,
196.4237, 197.4572

36.4703, 39.7267,
37.7047

223.6677,
239.8425, 242.3633

24.9694, 27.3255,
25.4535

270.0361,
289.2299, 293.6085

16.1829, 17.8179,
16.1932

322.4070,
344.9705, 351.6114

9.7453, 10.8193,
9.5051

381.1458,

5.2914, 5.9455,

407.4484, 416.7906

4.9708

446.6178,
477.0483, 489.5645

■ 2.4557, 2.8119,
2.1717

■ 0.8730, 1.0344,
0.6580

■ 90.9125, 98.1353,
96.5885

■ 90.9125, 98.1353,
96.5885

■ 84.4092, 95.1900,
77.8796

95.0500, 100.0000,
108.9000

■ 78.5509, 92.5184,
61.8630

■ 73.3130, 90.1104,
48.4156

■ 68.6681, 87.9548,
37.4033

■ 64.5866, 86.0396,
28.6794

■ 61.0356, 84.3513,
22.0817

■ 57.9784, 82.8751,
17.4268

■ 55.3722, 81.5937,
14.5000

■ 53.1644, 80.4856,
13.0349

Harmonies

Analogous

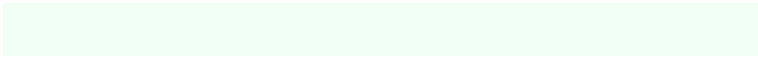
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0642, 98.1353, 94.7402



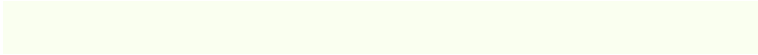
90.9125, 98.1353, 96.5885



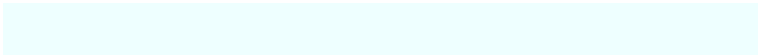
89.4134, 98.1353, 101.1778

Triad

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



90.9125, 98.1353, 96.5885



91.2715, 98.1353, 118.4642



97.7442, 98.1353, 106.2507

Complementary

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



90.9125, 98.1353, 96.5885



86.8671, 88.9539, 107.1992

Split Complementary

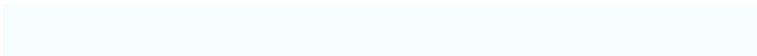
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.2455, 98.1353, 112.7358



90.9125, 98.1353, 96.5885



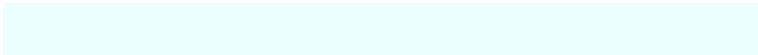
93.4854, 98.1353, 119.9559

Square

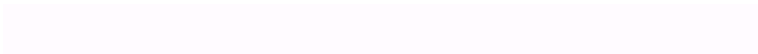
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



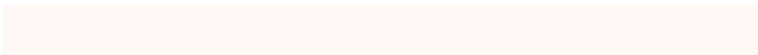
90.9125, 98.1353, 96.5885



89.6183, 98.1353, 113.8219



95.6774, 98.1353, 117.8194



97.0292, 98.1353, 100.1739

Rectangle

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



90.9125, 98.1353, 96.5885



88.9728, 98.1353, 105.2663



95.6774, 98.1353, 117.8194



97.7130, 98.1353, 108.4549

Sweetspot

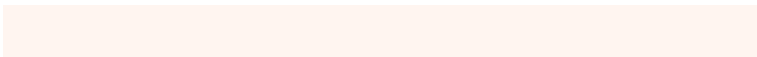
The Sweet Spot groups the original color and five complimentary colors.



90.9133, 98.1356, 96.5900



93.6170, 99.3549, 104.6036



89.5457, 92.7058, 95.6140



20.0530, 21.2728, 22.4345



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.



90.9133, 98.1356, 96.5900



90.1530, 97.7923, 94.3599



88.3649, 96.8219, 96.4707



19.2094, 20.8922, 19.9424



27.5136, 41.9219, 6.6416



2.7949, 4.1416, 0.6521

Inverse Universe

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



86.8671, 88.9539, 107.1992



85.3740, 86.9476, 106.8906



89.4463, 90.2835, 107.3199



18.1029, 18.3813, 22.8438



11.5291, 4.8540, 49.7638



1.2328, 0.5295, 4.8505

Previews

White Background



This preview shows how the XYZ color 90.9125, 98.1353, 96.5885 looks on a white background.

Color Contrast Check

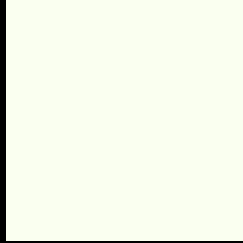
Large Text (above 18pt) WCAG AA × Fail

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 90.9125, 98.1353, 96.5885 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 90.9125, 98.1353, 96.5885

Background



This preview shows how black text looks on a background with the XYZ color 90.9125, 98.1353, 96.5885.



This preview shows how white text looks on a background with the XYZ color 90.9125, 98.1353,

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

90.9125, 98.1353, 96.5885

Protanopia

93.4642, 98.3501, 103.6799

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.6833, 98.3532, 108.6542

Trichromacy

Original Color

90.9125, 98.1353, 96.5885

Protanomaly

92.5844, 98.4201, 101.3060

Deuteranomaly

92.5766, 97.9105, 102.8262

Tritanomaly

92.8420, 98.4812, 104.5580

Monochromacy

Original Color

90.9125, 98.1353, 96.5885

Achromatopsia

92.5260, 97.3445, 106.0082

Achromatomaly

91.8522, 97.5371, 102.7923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.9125, 98.1353, 96.5885 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 90.9125, 98.1353, 96.5885 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, 240) }
```


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

```
.border{ border-color:rgb(250, 255, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 90.9125, 98.1353, 96.5885 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, 240) }
```

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

```
.background{ background-color: rgb(250,  
255, 240) }
```

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