

# Converting Colors

XYZ(96.2206, 100.0000,  
96.4019)

Have a look what the booklet for  
XYZ(96.2206, 100.0000, 96.4019)  
contains.

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# Color

**XYZ(92.0935, 97.8018,  
96.4619)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFFDF0
RGB	255, 253, 240
RGB Percent	100%, 99%, 94%
CMY	0.0000, 0.0078, 0.0588
CMYK	0.00, 0.01, 0.06, 0.00
HSL	52°, 100%, 97%
HSV	52°, 6%, 100%
XYZ	92.0935, 97.8018, 96.4619
YIQ	252.1160, 5.3650, -3.6190

# Conversions

## Conversions Part 2

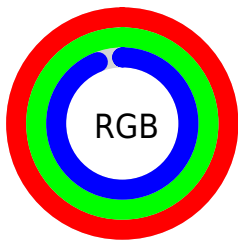
Format	Color
R <sub>Y</sub> B	242, 255, 240
Decimal	16776688
CIE Lab	99.14, -1.54, 6.44
CIE LCh	99, 6.620, 103.476
Yxy	97.8018, 0.3216, 0.3415
Android (android.graphics.Color)	4294966768 (0xFFFFFDF0)
YUV	252.1160, -5.9732, 2.5293
Hunter-Lab	98.8948, -6.8419, 11.3949

# Details

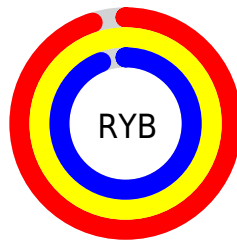
The XYZ color 92.0935, 97.8018, 96.4619 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.7367, 89.2474, 107.3154, and the grayscale version is 92.6711, 97.4972, 106.1745.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.6804, 54.9463, 53.2293 is the 20% darker color. If you saturate the color by 10%, you get 87.5082, 94.2735, 77.5393, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

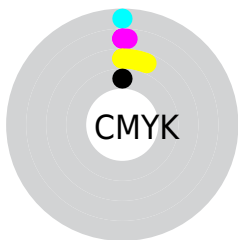
# Distribution



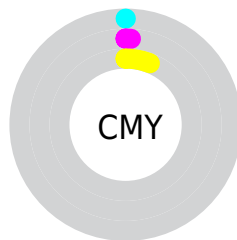
- Red (100%)
- Green (99%)
- Blue (94%)



- Red (95%)
- Yellow (100%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 92.0935, 97.8018, 96.4619 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 92.0935, 97.8018, 96.4619 by changing the saturation by 10% instead.




 92.0935, 97.8018,  
96.4619

 92.0935, 97.8018,  
96.4619


522.9546,  
553.0963, 569.9380

 70.0603, 74.4691,  
72.7487


149.1066,  
158.1298, 158.2956

 51.8554, 55.1781,  
53.2799


184.8172,  
195.8939, 197.2533

 37.1137, 39.5443,  
37.6370


225.8176,  
239.2372, 242.1295

 25.4696, 27.1834,  
25.4015

272.4732,  
288.5441, 293.3428

 16.5579, 17.7110,  
16.1547

325.1494,  
344.1991, 351.3118

 10.0131, 10.7427,  
9.4781

384.2114,

 5.4700, 5.8941,

406.5866, 416.4550

4.9533

450.0247,  
476.0908, 489.1909

■ 2.5631, 2.7808,  
2.1616

■ 0.9272, 1.0184,  
0.6521

■ 92.0935, 97.8018,  
96.4619

■ 92.0935, 97.8018,  
96.4619

■ 87.5082, 94.2735,  
77.5393

95.0500, 100.0000,  
108.9000

■ 83.4500, 90.9832,  
61.3084

■ 79.8973, 87.9252,  
47.6468

■ 76.8247, 85.0892,  
36.4202

■ 74.2040, 82.4638,  
27.4823

■ 72.0046, 80.0366,  
20.6708

■ 70.1914, 77.7933,  
15.8022

■ 68.7235, 75.7175,  
12.6620

■ 67.5504, 73.7888,  
10.9841

# Harmonies

## Analogous

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



94.0197, 97.8018, 96.5993



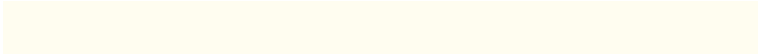
92.0935, 97.8018, 96.4619



90.4217, 97.8018, 98.9444

# Triad

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



92.0935, 97.8018, 96.4619



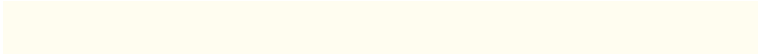
90.2844, 97.8018, 113.9890



96.5697, 97.8018, 109.5483

# Complementary

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



92.0935, 97.8018, 96.4619



85.7367, 89.2474, 107.3154

# Split Complementary

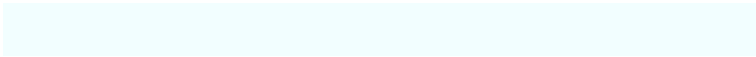
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5407, 97.8018, 114.4088



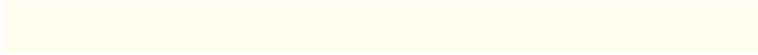
92.0935, 97.8018, 96.4619



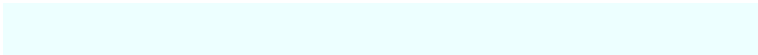
91.9037, 97.8018, 117.0328

# Square

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



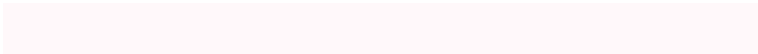
92.0935, 97.8018, 96.4619



89.3870, 97.8018, 108.9915



93.8272, 97.8018, 117.1891



96.6222, 97.8018, 104.0261



# Rectangle

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



92.0935, 97.8018, 96.4619



89.6689, 97.8018, 101.8026



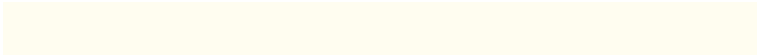
93.8272, 97.8018, 117.1891



96.3259, 97.8018, 111.3182

# Sweetspot

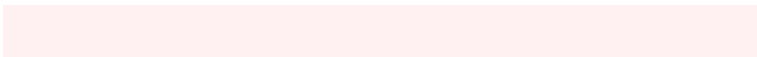
The Sweet Spot groups the original color and five complimentary colors.



92.0956, 97.8058, 96.4640



94.0237, 99.2440, 104.5607



88.4279, 89.9922, 96.7153



20.1357, 21.2503, 22.4257



0.0000, 0.0000, 0.0000

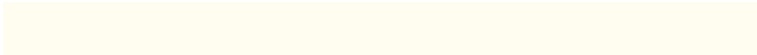


20.3446, 21.4041, 23.3091

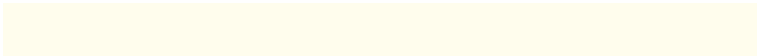


# Same Dimension

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



92.0956, 97.8058, 96.4640



91.5556, 97.3984, 94.2100



90.7341, 98.0433, 96.5816



19.5349, 20.8005, 19.9075



35.1530, 38.3173, 5.5432



3.4774, 3.8402, 0.5579



# Inverse Universe

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



85.7367, 89.2474, 107.3154



84.0450, 87.2901, 107.0268



87.0419, 89.0440, 107.2074



17.7959, 18.4600, 22.8751



9.7883, 4.4862, 49.7846



1.0103, 0.5513, 4.8664



# Previews

## White Background



This preview shows how the XYZ color 92.0935, 97.8018, 96.4619 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

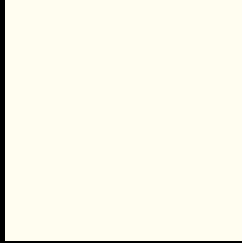
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 92.0935, 97.8018, 96.4619 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

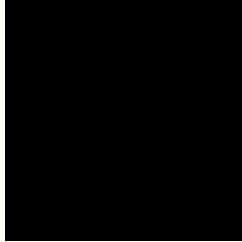
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 92.0935, 97.8018, 96.4619

## Background



This preview shows how black text looks on a background with the XYZ color 92.0935, 97.8018, 96.4619.



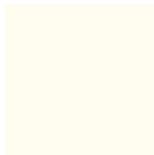
This preview shows how white text looks on a background with the XYZ color 92.0935, 97.8018,



# 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

92.0935, 97.8018, 96.4619



### Protanopia

92.9937, 97.6581, 102.7555

### Deuteranopia

93.6211, 97.9091, 106.0594

## **Tritanopia**

93.7335, 97.9116, 108.5663

# Trichromacy

## Original Color

92.0935, 97.8018, 96.4619

## Protanomaly

92.5318, 97.4734, 100.3235

## Deuteranomaly

92.9937, 97.6581, 102.7555

## Tritanomaly

92.9388, 97.5938, 104.3816

# Monochromacy

## Original Color

92.0935, 97.8018, 96.4619

## Achromatopsia

92.5260, 97.3445, 106.0082

## Achromatomaly

92.2617, 97.2808, 102.7213

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 92.0935, 97.8018, 96.4619 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(255, 253, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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(255, 253, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 240) }
```

## Border

The CSS property to change the border of an element to XYZ 92.0935, 97.8018, 96.4619 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(255, 253, 240) }
```



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

```
.border{ border-color:rgb(255, 253, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
240) }
```

# Background

The CSS property to change the background color of an element to XYZ 92.0935, 97.8018, 96.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 240) }
```

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

```
.background{ background-color: rgb(255,  
253, 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](#).

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