

# Converting Colors

XYZ(92.1878, 98.5604,  
100.2338)

Have a look what the booklet for  
XYZ(92.1878, 98.5604, 100.2338)  
contains.

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# Color

**XYZ(92.3863, 98.8080,  
100.5888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFFF5
RGB	252, 255, 245
RGB Percent	99%, 100%, 96%
CMY	0.0118, 0.0000, 0.0392
CMYK	0.01, 0.00, 0.04, 0.00
HSL	78°, 100%, 98%
HSV	78°, 4%, 100%
XYZ	92.3863, 98.8080, 100.5888
YIQ	252.9630, 1.4220, -3.7460

# Conversions

## Conversions Part 2

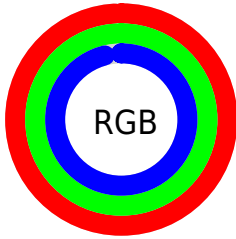
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 255, 248
Decimal	16580597
CIE <sub>Lab</sub>	99.54, -2.72, 4.42
CIE <sub>LCh</sub>	100, 5.183, 121.590
Yxy	98.8080, 0.3166, 0.3386
Android (android.graphics.Color)	4294770677 (0xFFFCFF5)
YUV	252.9630, -3.9258, -0.8446
Hunter-Lab	99.4022, -8.0526, 9.5838

# Details

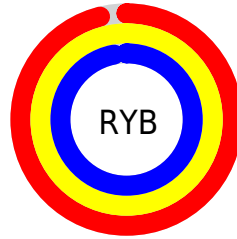
The XYZ color 92.3863, 98.8080, 100.5888 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.4145, 92.4825, 107.7460, and the grayscale version is 93.3635, 98.2256, 106.9677.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.8851, 55.6644, 56.1538 is the 20% darker color. If you saturate the color by 10%, you get 86.0435, 95.9574, 81.3514, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

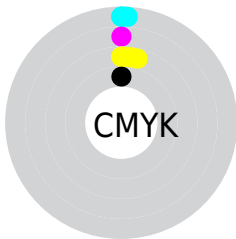
# Distribution



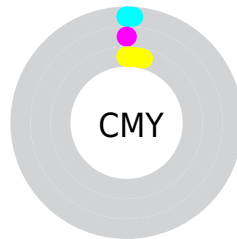
- Red (99%)
- Green (100%)
- Blue (96%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 92.3863, 98.8080, 100.5888 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 92.3863, 98.8080, 100.5888 by changing the saturation by 10% instead.



92.3863, 98.8080,  
100.5888

92.3863, 98.8080,  
100.5888

523.8861,  
556.2854, 583.3416

70.3043, 75.3084,  
76.1727

149.5103,  
159.5152, 164.0250

52.0551, 55.8656,  
56.0667

185.2829,  
197.4916, 203.8823

37.2735, 40.0952,  
39.8520

226.3499,  
241.0623, 249.7236

25.5939, 27.6127,  
27.1103

273.0765,  
290.6118, 301.9677

16.6512, 18.0339,  
17.4229

325.8280,  
346.5245, 361.0330

10.0799, 10.9744,  
10.3713

384.9699,

5.5146, 6.0496,

409.1847, 427.3380

5.5370

450.8675,  
478.9769, 501.3014

■ 2.5901, 2.8753,  
2.5015

■ 0.9409, 1.0670,  
0.8409

■ 92.3863, 98.8080,  
100.5888

■ 92.3863, 98.8080,  
100.5888

■ 86.0435, 95.9574,  
81.3514

95.0500, 100.0000,  
108.9000

■ 80.3248, 93.3691,  
64.8285

■ 75.2065, 91.0335,  
50.8988

■ 70.6620, 88.9399,  
39.4302

■ 66.6629, 87.0767,  
30.2787

■ 63.1774, 85.4310,  
23.2857

■ 60.1704, 83.9887,  
18.2723

■ 57.6008, 82.7331,  
15.0312

■ 55.4192, 81.6443,  
13.3090

# Harmonies

## Analogous

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



93.8327, 98.8080, 99.4067



92.3863, 98.8080, 100.5888



91.3583, 98.8080, 103.6387

# Triad

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



92.3863, 98.8080, 100.5888



92.5258, 98.8080, 115.1422



96.8759, 98.8080, 107.3523

# Complementary

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



92.3863, 98.8080, 100.5888



89.4145, 92.4825, 107.7460

# 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.



96.5170, 98.8080, 111.6304



92.3863, 98.8080, 100.5888



93.9954, 98.8080, 116.2003

# Square

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



92.3863, 98.8080, 100.5888



91.4383, 98.8080, 112.0446



95.4585, 98.8080, 114.8985



96.4341, 98.8080, 103.2455



# Rectangle

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



92.3863, 98.8080, 100.5888



91.0429, 98.8080, 106.3615



95.4585, 98.8080, 114.8985



96.8449, 98.8080, 108.8181

# Sweetspot

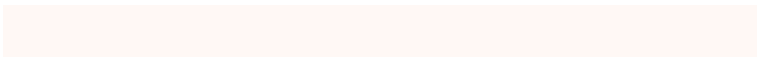
The Sweet Spot groups the original color and five complimentary colors.



92.3871, 98.8084, 100.5903



94.3613, 99.6921, 106.7389



91.2383, 94.8859, 99.8937



20.2045, 21.3415, 22.8693



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.



92.3871, 98.8084, 100.5903



91.6717, 98.4878, 98.3798



90.6588, 97.9174, 100.5094



19.5227, 21.0361, 20.7530



28.4997, 42.4302, 6.6878



2.8853, 4.1882, 0.6563



# Inverse Universe

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



89.4145, 92.4825, 107.7460



87.9085, 90.4794, 107.4387



91.1505, 93.3774, 107.8272



18.6084, 19.0904, 22.9540



11.1393, 4.6530, 49.7456



1.1892, 0.5070, 4.8484



# Previews

## White Background



This preview shows how the XYZ color 92.3863, 98.8080, 100.5888 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

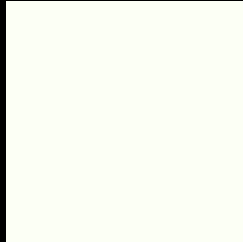
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 92.3863, 98.8080, 100.5888 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

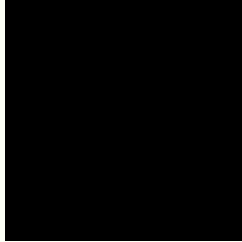
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 92.3863, 98.8080, 100.5888

## Background



This preview shows how black text looks on a background with the XYZ color 92.3863, 98.8080, 100.5888.



This preview shows how white text looks on a background with the XYZ color 92.3863, 98.8080, 100.5888.



# 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

92.3863, 98.8080, 100.5888

### Protanopia

93.9360, 98.5388, 106.1644

### Deuteranopia

94.0949, 98.6024, 107.0013

## **Tritanopia**

94.0483, 98.5414, 108.6713

# Trichromacy

## Original Color

92.3863, 98.8080, 100.5888

## Protanomaly

93.4137, 98.7940, 103.7683

## Deuteranomaly

93.5702, 98.8566, 104.5920

## Tritanomaly

93.3624, 98.7313, 105.4031

# Monochromacy

## Original Color

92.3863, 98.8080, 100.5888

## Achromatopsia

93.3629, 98.2251, 106.9671

## Achromatomaly

93.2051, 98.6684, 104.5749

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 92.3863, 98.8080, 100.5888 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(252, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 245) }
```

## Border

The CSS property to change the border of an element to XYZ 92.3863, 98.8080, 100.5888 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(252, 255, 245) }
```



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

```
.border{ border-color:rgb(252, 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(252, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
245) }
```

# Background

The CSS property to change the background color of an element to XYZ 92.3863, 98.8080, 100.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 245) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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