

# Converting Colors

XYZ(89.3842, 93.2051,  
101.2487)

Have a look what the booklet for  
XYZ(89.3842, 93.2051, 101.2487)  
contains.

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# **Color**

**XYZ(89.1686, 92.9509,  
101.2373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF6F7
RGB	250, 246, 247
RGB Percent	98%, 96%, 97%
CMY	0.0196, 0.0353, 0.0314
CMYK	0.00, 0.02, 0.01, 0.02
HSL	345°, 29%, 97%
HSV	345°, 2%, 98%
XYZ	89.1686, 92.9509, 101.2373
YIQ	247.3100, 2.0630, 1.1590

# Conversions

## Conversions Part 2

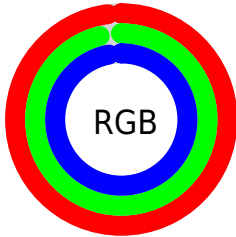
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 246, 247
Decimal	16447223
CIE Lab	97.21, 1.51, -0.02
CIE LCh	97, 1.508, 359.278
Yxy	92.9509, 0.3147, 0.3280
Android (android.graphics.Color)	4294637303 (0xFFFAF6F7)
YUV	247.3100, -0.1528, 2.3591
Hunter-Lab	96.4110, -3.6283, 5.2297

# Details

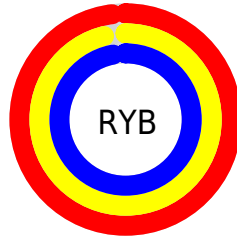
The XYZ color 89.1686, 92.9509, 101.2373 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.2940, 94.8060, 103.2204, and the grayscale version is 88.6626, 93.2800, 101.5819.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0656, 52.0578, 56.6996 is the 20% darker color. If you saturate the color by 10%, you get 79.3187, 77.6545, 84.3761, and if you desaturate by 10%, it is 93.2349, 99.0643, 108.8151.

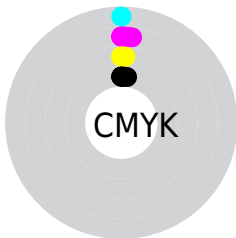
# Distribution



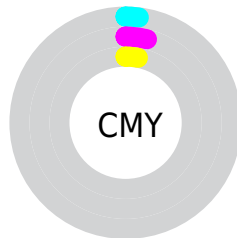
- Red (98%)
- Green (96%)
- Blue (97%)



- Red (98%)
- Yellow (96%)
- Blue (97%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (2%)




- Cyan (2%)
- Magenta (4%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1686, 92.9509, 101.2373 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 89.1686, 92.9509, 101.2373 by changing the saturation by 10% instead.




 89.1686, 92.9509,  
101.2373

 89.1686, 92.9509,  
101.2373


513.6009,  
537.5840, 585.4329

 67.6253, 70.4307,  
76.7116


145.0672,  
151.4306, 164.9232

 49.8655, 51.8777,  
56.5061


180.1533,  
188.1589, 204.9204

 35.5239, 36.9076,  
40.2021


220.4842,  
230.3921, 250.9120

 24.2351, 25.1360,  
27.3812

266.4255,  
278.5145, 303.3163

 15.6338, 16.1784,  
17.6247

318.3425,  
332.9104, 362.5521

 9.3546, 9.6505,  
10.5143

376.6005,

 5.0321, 5.1678,

393.9644, 429.0377

5.6312

441.5648,  
462.0608, 503.1918

■ 2.3011, 2.3461,  
2.5570

■ 0.7952, 0.7979,  
0.8701

■ 89.1686, 92.9509,  
101.2373

■ 89.1686, 92.9509,  
101.2373

■ 79.3187, 77.6545,  
84.3761

■ 93.2349, 99.0643,  
108.8151

■ 70.7321, 64.4330,  
69.3310

■ 63.3590, 53.2002,  
56.0424

■ 57.1436, 43.8593,  
44.4449

■ 52.0254, 36.3053,  
34.4691

■ 47.9381, 30.4229,  
26.0405

■ 44.8084, 26.0834,  
19.0785

■ 42.5525, 23.1388,  
13.4948

■ 41.0710, 21.4119,  
9.1901

# Harmonies

## Analogous

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



89.0530, 92.9509, 102.4109



89.1686, 92.9509, 101.2373



89.0634, 92.9509, 100.0649

# Triad

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



89.1686, 92.9509, 101.2373



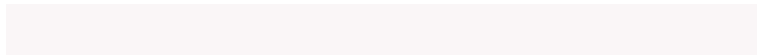
87.9471, 92.9509, 99.1753



87.9292, 92.9509, 103.2377

# Complementary

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



89.1686, 92.9509, 101.2373



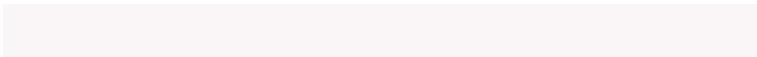
89.2940, 94.8060, 103.2204

# Split Complementary

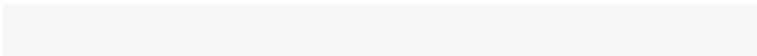
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6345, 92.9509, 102.3593



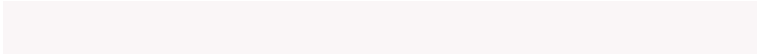
89.1686, 92.9509, 101.2373



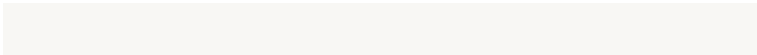
87.6448, 92.9509, 100.0140

# Square

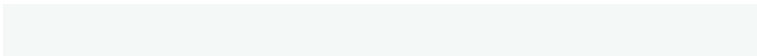
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



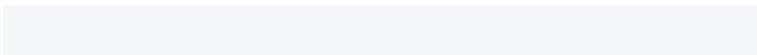
89.1686, 92.9509, 101.2373



88.3574, 92.9509, 98.8802



87.5305, 92.9509, 101.1782

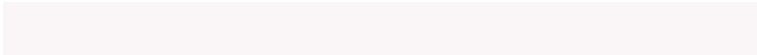


88.3367, 92.9509, 103.5715

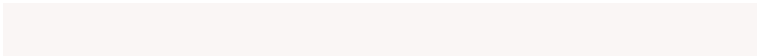


# Rectangle

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



89.1686, 92.9509, 101.2373



88.8825, 92.9509, 99.4403



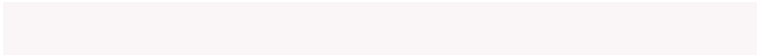
87.5305, 92.9509, 101.1782



87.8138, 92.9509, 102.9960

# Sweetspot

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



89.1712, 92.9549, 101.2393

95.0500, 100.0000, 108.9000



89.2810, 92.9576, 103.6808



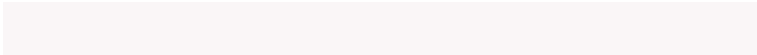
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

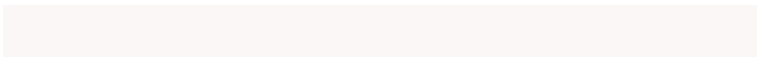
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.1712, 92.9549, 101.2393



92.8341, 96.5449, 105.1503



89.3226, 93.5029, 100.5336



19.0450, 19.8182, 21.5846



21.4256, 10.9859, 3.6835

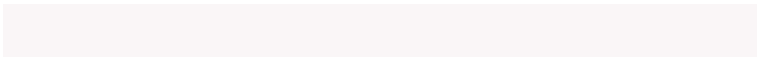


2.0248, 1.0337, 0.5542



# Inverse Universe

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



89.1712, 92.9549, 101.2393



92.8341, 96.5449, 105.1503



89.1402, 94.2491, 103.9375



19.0450, 19.8182, 21.5846



21.4256, 10.9859, 3.6835

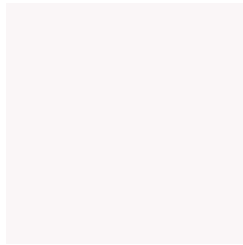


2.0248, 1.0337, 0.5542



# Previews

## White Background



This preview shows how the XYZ color 89.1686, 92.9509, 101.2373 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 89.1686, 92.9509, 101.2373 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

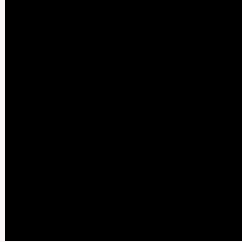
Any Text WCAG AAA ✓ Pass

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



# XYZ 89.1686, 92.9509, 101.2373

## Background



This preview shows how black text looks on a background with the XYZ color 89.1686, 92.9509, 101.2373.



This preview shows how white text looks on a background with the XYZ color 89.1686, 92.9509,

101.2373.

# 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**

89.1686, 92.9509, 101.2373

**Protanopia**

89.5279, 93.1362, 101.2541

**Deuteranopia**

90.3792, 92.6768, 101.1206

## **Tritanopia**

90.1267, 92.8488, 107.7792

# Trichromacy



**Original Color**

89.1686, 92.9509, 101.2373

**Protanomaly**

89.5279, 93.1362, 101.2541

**Deuteranomaly**

89.9489, 92.9029, 101.1869

**Tritanomaly**

89.6474, 92.6571, 105.2551

# Monochromacy



**Original Color**

89.1686, 92.9509, 101.2373

**Achromatopsia**

88.4070, 93.0111, 101.2891

**Achromatomaly**

88.7607, 93.1934, 101.3056

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 89.1686, 92.9509, 101.2373 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, 246, 247) looks like.

```
.text, #text, p{  
    color:rgb(250, 246, 247)  
}
```

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, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 246, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 89.1686, 92.9509, 101.2373 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, 246, 247) }
```

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

```
.border{ border-color:rgb(250, 246, 247) }
```

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

Here you see how a box with a 4 pixel rgb(250, 246, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 246, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 246, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 246,  
247) }
```



# Background

The CSS property to change the background color of an element to XYZ 89.1686, 92.9509, 101.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 246, 247) }
```

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

```
.background{ background-color: rgb(250,  
246, 247) }
```

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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