

Converting Colors

XYZ(88.6932, 92.7624,
101.2359)

Have a look what the booklet for
XYZ(88.6932, 92.7624, 101.2359)
contains.

XYZ(88.8112, 92.7667, 101.2206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(88.8112, 92.7667,
101.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F6F7
RGB	249, 246, 247
RGB Percent	98%, 96%, 97%
CMY	0.0235, 0.0353, 0.0314
CMYK	0.00, 0.01, 0.01, 0.02
HSL	340°, 20%, 97%
HSV	340°, 1%, 98%
XYZ	88.8112, 92.7667, 101.2206
YIQ	247.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

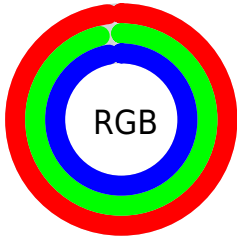
Format	Color
RYB	249, 246, 247
Decimal	16381687
CIELab	97.13, 1.18, -0.14
CIELCh	97, 1.184, 353.339
Yxy	92.7667, 0.3140, 0.3280
Android (android.graphics.Color)	4294571767 (0xFFFF9F6F7)
YUV	247.0110, -0.0054, 1.7444
Hunter-Lab	96.3155, -3.9596, 5.1113

Details

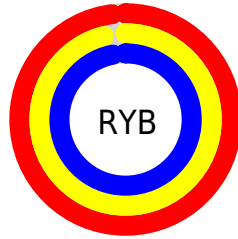
The XYZ color 88.8112, 92.7667, 101.2206 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8285, 94.1239, 102.2976, and the grayscale version is 88.4186, 93.0232, 101.3023.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8097, 51.9260, 56.6877 is the 20% darker color. If you saturate the color by 10%, you get 79.2880, 77.6433, 85.9496, and if you desaturate by 10%, it is 92.8775, 98.8800, 108.7983.

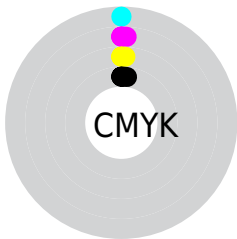
Distribution



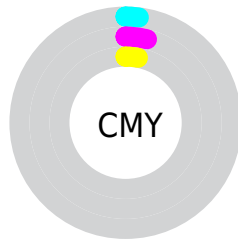
- Red (98%)
- Green (96%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.8112, 92.7667, 101.2206 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 88.8112, 92.7667, 101.2206 by changing the saturation by 10% instead.

88.8112, 92.7667,
101.2206

88.8112, 92.7667,
101.2206

512.4518,
536.9903, 585.3790

67.3281, 70.2776,
76.6978

144.5728,
151.1756, 164.9000

49.6230, 51.7529,
56.4948

179.5819,
187.8641, 204.8937

35.3305, 36.8081,
40.1931

219.8305,
230.0547, 250.8814

24.0853, 25.0590,
27.3742

265.6838,
278.1315, 303.2816

15.5220, 16.1210,
17.6195

317.5073,
332.4791, 362.5130

9.2752, 9.6098,
10.5106

375.6662,

4.9797, 5.1410,

393.4819, 428.9940

5.6288

440.5259,
461.5241, 503.1432

■ 2.2700, 2.3302,
2.5556

■ 0.7792, 0.7896,
0.8694

■ 88.8112, 92.7667,
101.2206

■ 88.8112, 92.7667,
101.2206

■ 79.2880, 77.6433,
85.9496

■ 92.8775, 98.8800,
108.7983

■ 70.9602, 64.5553,
72.1749

■ 63.7813, 53.4187,
59.8518

■ 57.6991, 44.1390,
48.9308

■ 52.6569, 36.6141,
39.3596

■ 48.5928, 30.7314,
31.0824

■ 45.4381, 26.3656,
24.0388

■ 43.1144, 23.3727,
18.1632

■ 41.5286, 21.5806,
13.3821

Harmonies

Analogous

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



88.6880, 92.7667, 102.1090



88.8112, 92.7667, 101.2206



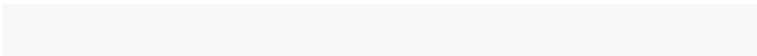
88.7628, 92.7667, 100.2805

Triad

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



88.8112, 92.7667, 101.2206



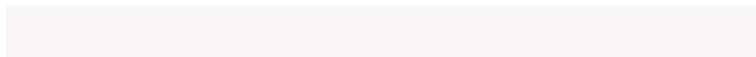
87.9179, 92.7667, 99.3283



87.7892, 92.7667, 102.4893

Complementary

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



88.8112, 92.7667, 101.2206



88.8285, 94.1239, 102.2976

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.



87.5838, 92.7667, 101.7374



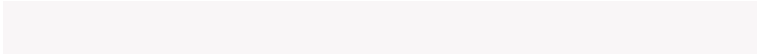
88.8112, 92.7667, 101.2206



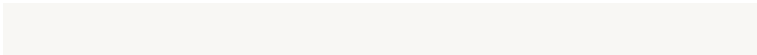
87.6579, 92.7667, 99.9133

Square

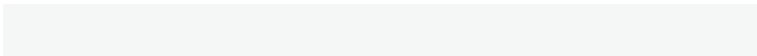
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8112, 92.7667, 101.2206



88.2465, 92.7667, 99.1918



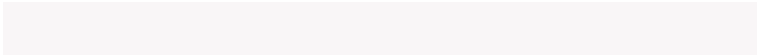
87.5358, 92.7667, 100.7940



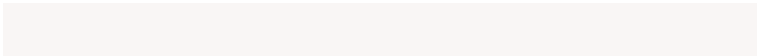
88.0975, 92.7667, 102.8445

Rectangle

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



88.8112, 92.7667, 101.2206



88.6397, 92.7667, 99.7505



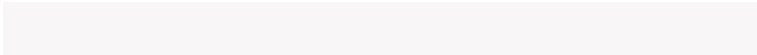
87.5358, 92.7667, 100.7940



87.7058, 92.7667, 102.2744

Sweetspot

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



88.8138, 92.7707, 101.2226

95.0500, 100.0000, 108.9000



88.7692, 92.7118, 102.8404



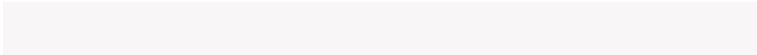
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

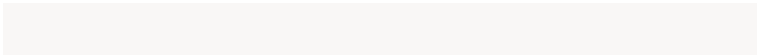
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8138, 92.7707, 101.2226



93.9690, 98.2746, 107.1935



88.8126, 93.0135, 100.4661



19.2657, 20.1547, 21.9821



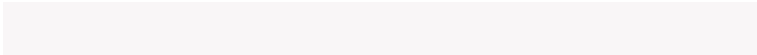
21.8014, 11.1363, 5.6628



2.0661, 1.0502, 0.7718

Inverse Universe

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



88.8138, 92.7707, 101.2226



93.9690, 98.2746, 107.1935



88.8293, 93.8777, 103.0622



19.2657, 20.1547, 21.9821



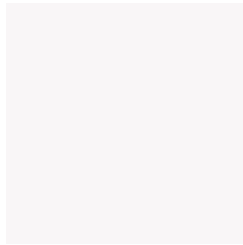
21.8014, 11.1363, 5.6628



2.0661, 1.0502, 0.7718

Previews

White Background



This preview shows how the XYZ color 88.8112, 92.7667, 101.2206 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 88.8112, 92.7667, 101.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

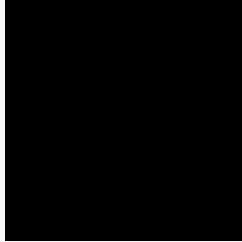
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

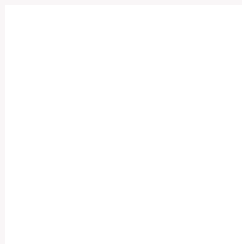
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.8112, 92.7667, 101.2206

Background



This preview shows how black text looks on a background with the XYZ color 88.8112, 92.7667, 101.2206.



This preview shows how white text looks on a background with the XYZ color 88.8112, 92.7667,

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**

88.8112, 92.7667, 101.2206

Protanopia

89.2246, 92.5294, 101.1530

Deuteranopia

90.3792, 92.6768, 101.1206

Tritanopia

89.7693, 92.6646, 107.7624

Trichromacy



Original Color

88.8112, 92.7667, 101.2206

Protanomaly

88.8652, 92.3442, 101.1362

Deuteranomaly

89.9489, 92.9029, 101.1869

Tritanomaly

89.2900, 92.4728, 105.2384

Monochromacy



Original Color

88.8112, 92.7667, 101.2206

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 88.8112, 92.7667, 101.2206 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(249, 246, 247) looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 247) }
```

Border

The CSS property to change the border of an element to XYZ 88.8112, 92.7667, 101.2206 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(249, 246, 247) }
```

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

```
.border{ border-color:rgb(249, 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(249, 246, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
247) }
```


Background

The CSS property to change the background color of an element to XYZ 88.8112, 92.7667, 101.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 247) }
```

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

```
.background{ background-color: rgb(249,  
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](#).

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