

Converting Colors

XYZ(87.0463, 88.1067, 93.5487)

Have a look what the booklet for
XYZ(87.0463, 88.1067, 93.5487)
contains.

XYZ(86.9568, 88.0014, 93.2918)	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(86.9568, 88.0014,
93.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDEE
RGB	255, 237, 238
RGB Percent	100%, 93%, 93%
CMY	0.0000, 0.0706, 0.0667
CMYK	0.00, 0.07, 0.07, 0.00
HSL	357°, 100%, 96%
HSV	357°, 7%, 100%
XYZ	86.9568, 88.0014, 93.2918
YIQ	242.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 237, 238
Decimal	16772590
CIE Lab	95.16, 6.25, 1.70
CIE LCh	95, 6.474, 15.222
Yxy	88.0014, 0.3242, 0.3281
Android (android.graphics.Color)	4294962670 (0xFFFFEDEE)
YUV	242.4960, -2.2165, 10.9660
Hunter-Lab	93.8091, 1.2957, 6.7033

Details

The XYZ color **86.9568, 88.0014, 93.2918** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5771, 96.6816, 107.7625**, and the grayscale version is **84.8041, 89.2205, 97.1611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2561, 48.4309, 51.0607** is the 20% darker color. If you saturate the color by 10%, you get **76.7866, 72.9509, 73.5937**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

Blue (93%)



Red (100%)

Yellow (93%)

Blue (93%)



Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.9568, 88.0014, 93.2918 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 86.9568, 88.0014, 93.2918 by changing the saturation by 10% instead.


 86.9568, 88.0014,
93.2918

 86.9568, 88.0014,
93.2918


506.4676,
521.5078, 559.5258

 65.7874, 66.3242,
70.1250


142.0039,
144.5591, 153.8777

 48.3669, 48.5357,
51.1511


176.6123,
180.2084, 192.1340

 34.3300, 34.2513,
35.9513


216.4310,
221.2839, 236.2572

 23.3113, 23.0867,
24.1072

261.8255,
268.1700, 286.6658

 14.9455, 14.6575,
15.2002

313.1610,
321.2510, 343.7785

 8.8672, 8.5794,
8.8118

370.8030,

 4.7111, 4.4679,

380.9114, 408.0137

4.5235

435.1167,
447.5355, 479.7899

■ 2.1118, 1.9386,
1.9167

■ 0.6956, 0.5714,
0.5033

■ 86.9568, 88.0014,
93.2918

■ 86.9568, 88.0014,
93.2918

■ 76.7866, 72.9509,
73.5937

95.0500, 100.0000,
108.9000

■ 68.0752, 60.0903,
56.6249

■ 60.7573, 49.3209,
42.2666

■ 54.7607, 40.5320,
30.3892

■ 50.0065, 33.6030,
20.8522

■ 46.4074, 28.4002,
13.5007

■ 43.8647, 24.7718,
8.1616

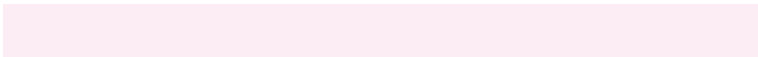
■ 42.2633, 22.5397,
4.6351

■ 41.4587, 21.4778,
2.6798

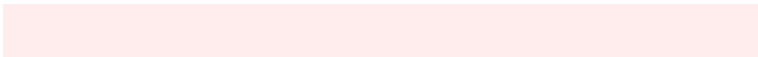
Harmonies

Analogous

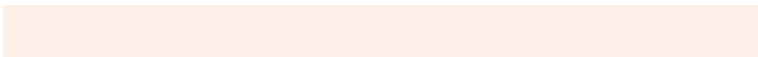
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9638, 88.0014, 98.3165



86.9568, 88.0014, 93.2918



86.0534, 88.0014, 89.0904

Triad

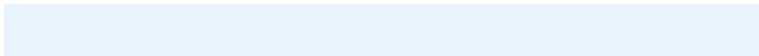
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9568, 88.0014, 93.2918



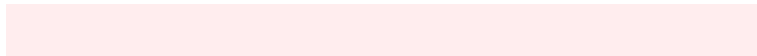
81.2592, 88.0014, 89.1411



82.7809, 88.0014, 105.5167

Complementary

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



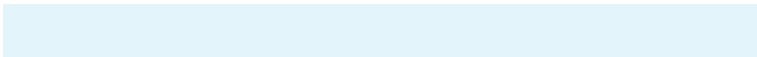
86.9568, 88.0014, 93.2918



88.5771, 96.6816, 107.7625

Split Complementary

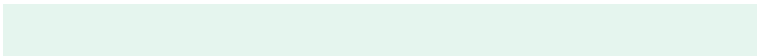
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2774, 88.0014, 102.8772



86.9568, 88.0014, 93.2918



80.4072, 88.0014, 93.3633

Square

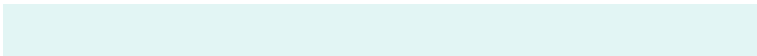
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.9568, 88.0014, 93.2918



82.7557, 88.0014, 86.7519



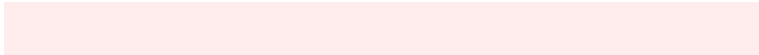
80.4139, 88.0014, 98.3905



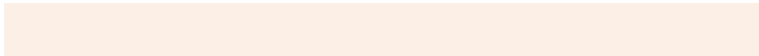
84.5360, 88.0014, 105.4959

Rectangle

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



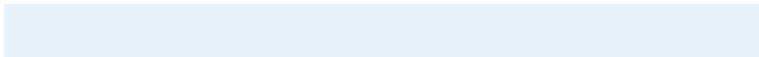
86.9568, 88.0014, 93.2918



85.0716, 88.0014, 87.2707



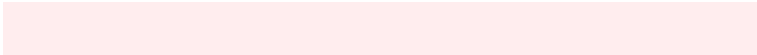
80.4139, 88.0014, 98.3905



82.2299, 88.0014, 104.9072

Sweetspot

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



86.9588, 88.0050, 93.2937



92.6785, 96.4826, 104.3307



89.1360, 88.8250, 107.0547



19.8618, 20.6881, 22.3789



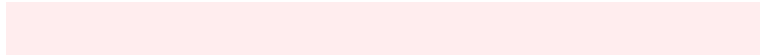
0.0000, 0.0000, 0.0000



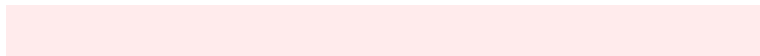
20.3446, 21.4041, 23.3091

Same Dimension

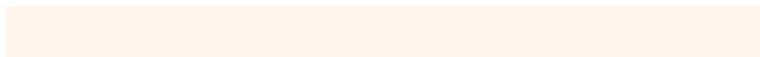
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9588, 88.0050, 93.2937



85.9349, 86.4882, 91.3151



89.1199, 92.5607, 93.2942



18.0501, 18.0034, 18.8811



21.6068, 11.1320, 1.3140



2.1175, 1.0894, 0.2000

Inverse Universe

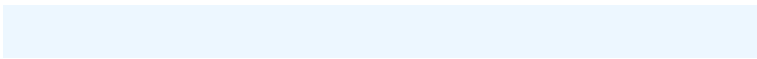
The Inverse Universe completely reimagines the original color for something new.



86.9588, 88.0050, 93.2937



85.9349, 86.4882, 91.3151



86.2998, 91.8711, 107.7921



18.0501, 18.0034, 18.8811



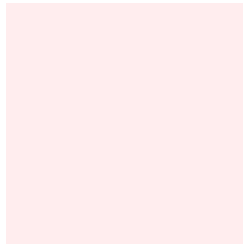
21.6068, 11.1320, 1.3140



2.1175, 1.0894, 0.2000

Previews

White Background



This preview shows how the XYZ color 86.9568, 88.0014, 93.2918 looks on a white background.

Color Contrast Check

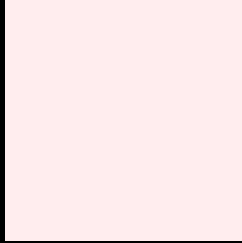
Large Text (above 18pt) WCAG AA × Fail

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 86.9568, 88.0014, 93.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

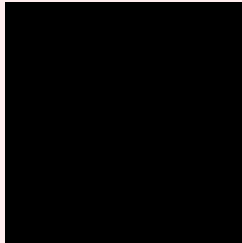
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

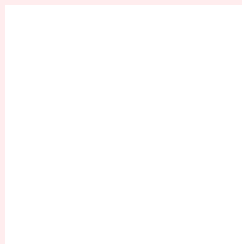
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.9568, 88.0014, 93.2918

Background



This preview shows how black text looks on a background with the XYZ color 86.9568, 88.0014, 93.2918.



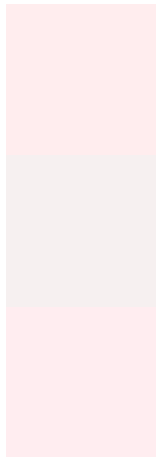
This preview shows how white text looks on a background with the XYZ color 86.9568, 88.0014,

93.2918.

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

86.9568, 88.0014, 93.2918

Protanopia

84.8943, 88.2043, 94.9888

Deuteranopia

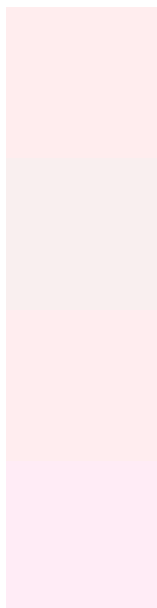
87.2524, 88.1196, 94.8482



Tritanopia

88.6480, 88.2159, 103.6219

Trichromacy



Original Color

86.9568, 88.0014, 93.2918

Protanomaly

85.5134, 88.1047, 94.1602

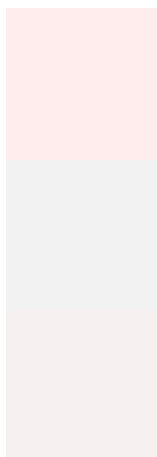
Deuteranomaly

87.1042, 88.0604, 94.0678

Tritanomaly

87.8700, 87.9047, 99.5248

Monochromacy



Original Color

86.9568, 88.0014, 93.2918

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.3950, 88.4452, 95.7899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9568, 88.0014, 93.2918 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, 237, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 238)  
}
```

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, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 238) }
```

Border

The CSS property to change the border of an element to XYZ 86.9568, 88.0014, 93.2918 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, 237, 238) }
```


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

```
.border{ border-color:rgb(255, 237, 238) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9568, 88.0014, 93.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 238) }
```

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

```
.background{ background-color: rgb(255,  
237, 238) }
```

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