

Converting Colors

XYZ(88.8536, 90.7108, 97.2663)

Have a look what the booklet for
XYZ(88.8536, 90.7108, 97.2663)
contains.

XYZ(88.8730, 90.6417, 97.6055)	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(88.8730, 90.6417,
97.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F3
RGB	255, 241, 243
RGB Percent	100%, 95%, 95%
CMY	0.0000, 0.0549, 0.0471
CMYK	0.00, 0.05, 0.05, 0.00
HSL	351°, 100%, 97%
HSV	351°, 5%, 100%
XYZ	88.8730, 90.6417, 97.6055
YIQ	245.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 241, 243
Decimal	16773619
CIE _{Lab}	96.26, 5.04, 0.71
CIE _{LCh}	96, 5.092, 8.059
Y _{xy}	90.6417, 0.3207, 0.3271
Android (android.graphics.Color)	4294963699 (0xFFFFF1F3)
YUV	245.4140, -1.1901, 8.4069
Hunter-Lab	95.2059, 0.0161, 5.8598

Details

The XYZ color **88.8730, 90.6417, 97.6055** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7680, 97.3140, 106.9844**, and the grayscale version is **87.1312, 91.6688, 99.8273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6073, 50.2915, 54.1064** is the 20% darker color. If you saturate the color by 10%, you get **78.7391, 75.3468, 78.8965**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (95%)

Blue (95%)



Red (100%)

Yellow (95%)

Blue (95%)



Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8730, 90.6417, 97.6055 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 88.8730, 90.6417, 97.6055 by changing the saturation by 10% instead.


 88.8730, 90.6417,
97.6055

 88.8730, 90.6417,
97.6055


512.6506,
530.1161, 573.6690

 67.3795, 68.5130,
73.6966


144.6583,
148.2294, 159.8857

 49.6649, 50.3152,
54.0505


179.6807,
184.4572, 199.0942

 35.3639, 35.6639,
38.2486


219.9436,
226.1535, 244.2395

 24.1112, 24.1747,
25.8723

265.8121,
273.7027, 295.7403

 15.5413, 15.4633,
16.5032

317.6517,
327.4891, 354.0151

 9.2889, 9.1452,
9.7228

375.8278,

 4.9887, 4.8360,

387.8972, 419.4825

5.1123

440.7056,
455.3114, 492.5610

■ 2.2753, 2.1514,
2.2534

■ 0.7820, 0.6933,
0.7050

■ 88.8730, 90.6417,
97.6055

■ 88.8730, 90.6417,
97.6055

■ 78.7391, 75.3468,
78.8965

95.0500, 100.0000,
108.9000

■ 69.9955, 62.2258,
62.5217

■ 62.5831, 51.1832,
48.3909

■ 56.4360, 42.1120,
36.4058

■ 51.4828, 34.8959,
26.4609

■ 47.6448, 29.4063,
18.4416

■ 44.8339, 25.4980,
12.2217

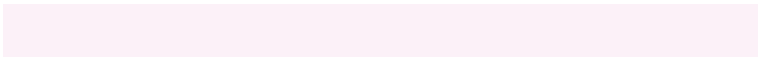
■ 42.9480, 23.0020,
7.6599

■ 41.8632, 21.7102,
4.5926

Harmonies

Analogous

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



88.6994, 90.6417, 101.6322



88.8730, 90.6417, 97.6055



88.3113, 90.6417, 93.9695

Triad

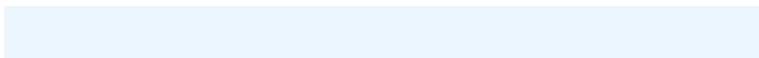
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8730, 90.6417, 97.6055



84.4866, 90.6417, 92.6871



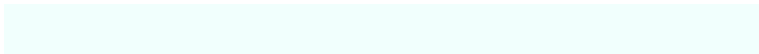
85.1401, 90.6417, 106.0954

Complementary

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



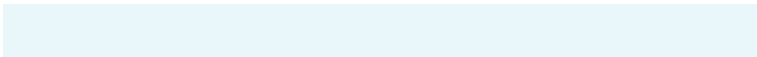
88.8730, 90.6417, 97.6055



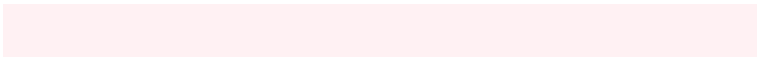
89.7680, 97.3140, 106.9844

Split Complementary

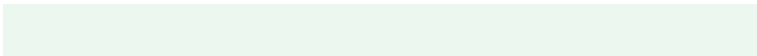
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0287, 90.6417, 103.5731



88.8730, 90.6417, 97.6055



83.6542, 90.6417, 95.8118

Square

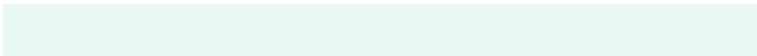
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8730, 90.6417, 97.6055



85.7715, 90.6417, 91.1810



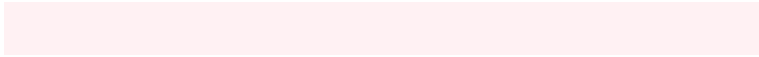
83.4875, 90.6417, 99.7894



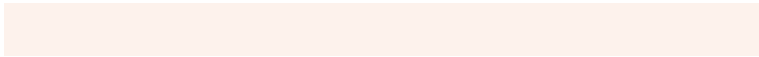
86.5340, 90.6417, 106.6075

Rectangle

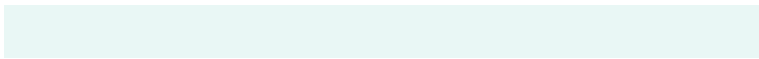
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



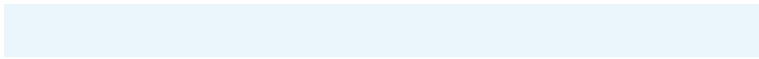
88.8730, 90.6417, 97.6055



87.5990, 90.6417, 92.2306



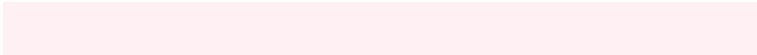
83.4875, 90.6417, 99.7894



84.7215, 90.6417, 105.4513

Sweetspot

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



88.8750, 90.6454, 97.6074



92.7484, 96.5106, 104.6991



89.9790, 90.9983, 107.4298



19.8761, 20.6938, 22.4540



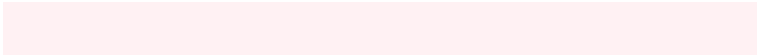
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

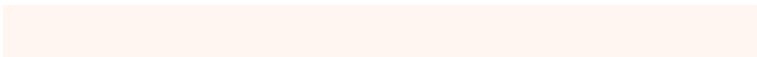
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8750, 90.6454, 97.6074



87.2506, 88.1885, 94.6246



90.0447, 93.4644, 96.5184



18.5384, 18.6691, 20.0020



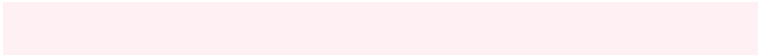
21.7498, 11.1892, 2.0669



2.1479, 1.1015, 0.3605

Inverse Universe

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



88.8750, 90.6454, 97.6074



87.2506, 88.1885, 94.6246



88.5451, 94.3565, 108.1536



18.5384, 18.6691, 20.0020



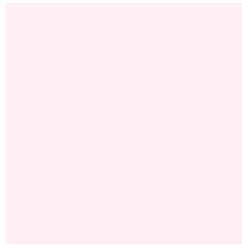
21.7498, 11.1892, 2.0669



2.1479, 1.1015, 0.3605

Previews

White Background



This preview shows how the XYZ color 88.8730, 90.6417, 97.6055 looks on a white background.

Color Contrast Check

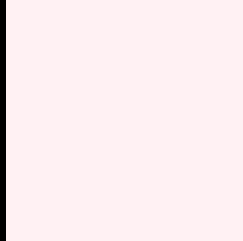
Large Text (above 18pt) WCAG AA × Fail

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 88.8730, 90.6417, 97.6055 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 88.8730, 90.6417, 97.6055

Background



This preview shows how black text looks on a background with the XYZ color 88.8730, 90.6417, 97.6055.

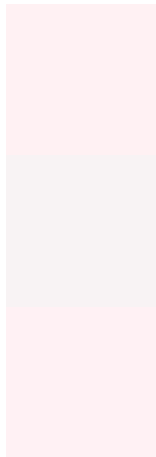


This preview shows how white text looks on a background with the XYZ color 88.8730, 90.6417,

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

88.8730, 90.6417, 97.6055

Protanopia

87.0911, 90.5893, 98.4832

Deuteranopia

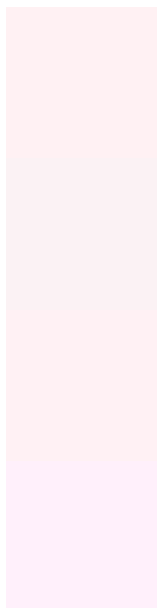
89.0244, 90.7022, 98.4031



Tritanopia

90.4501, 90.8002, 107.3667

Trichromacy



Original Color

88.8730, 90.6417, 97.6055

Protanomaly

87.8649, 90.5451, 98.4339

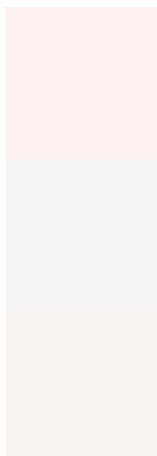
Deuteranomaly

89.0244, 90.7022, 98.4031

Tritanomaly

89.8127, 90.5452, 104.0101

Monochromacy



Original Color

88.8730, 90.6417, 97.6055

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.7467, 91.3728, 98.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8730, 90.6417, 97.6055 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, 241, 243) looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 243)  
}
```

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, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 243) }
```

Border

The CSS property to change the border of an element to XYZ 88.8730, 90.6417, 97.6055 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, 241, 243) }
```


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

```
.border{ border-color:rgb(255, 241, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8730, 90.6417, 97.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 243) }
```

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

```
.background{ background-color: rgb(255,  
241, 243) }
```

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