

Converting Colors

XYZ(89.3681, 90.6063,
100.9325)

Have a look what the booklet for
XYZ(89.3681, 90.6063, 100.9325)
contains.

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Color

**XYZ(89.4838, 90.8860,
100.8221)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F7
RGB	255, 241, 247
RGB Percent	100%, 95%, 97%
CMY	0.0000, 0.0549, 0.0314
CMYK	0.00, 0.05, 0.03, 0.00
HSL	334°, 100%, 97%
HSV	334°, 5%, 100%
XYZ	89.4838, 90.8860, 100.8221
YIQ	245.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

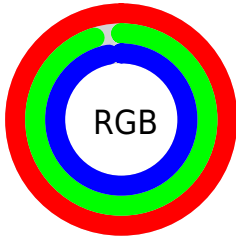
Format	Color
R _Y B	255, 241, 247
Decimal	16773623
CIE Lab	96.36, 5.72, -1.21
CIE LCh	96, 5.850, 348.084
Yxy	90.8860, 0.3182, 0.3232
Android (android.graphics.Color)	4294963703 (0xFFFFF1F7)
YUV	245.8700, 0.5571, 8.0070
Hunter-Lab	95.3341, 0.7113, 4.0309

Details

The XYZ color **89.4838, 90.8860, 100.8221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1373, 97.0617, 103.6629**, and the grayscale version is **87.4862, 92.0423, 100.2341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.0416, 50.4653, 56.3935** is the 20% darker color. If you saturate the color by 10%, you get **80.2957, 75.9695, 87.0937**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

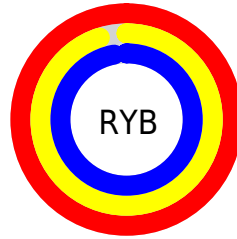
Distribution



Red (100%)

Green (95%)

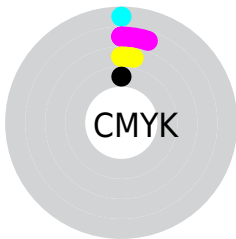
Blue (97%)



Red (100%)

Yellow (95%)

Blue (97%)

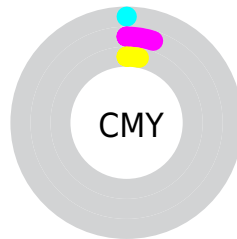


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.4838, 90.8860, 100.8221 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 89.4838, 90.8860, 100.8221 by changing the saturation by 10% instead.

89.4838, 90.8860,
100.8221

89.4838, 90.8860,
100.8221

514.6132,
530.9088, 584.0944

67.8875, 68.7157,
76.3666

145.5032,
148.5685, 164.3482

50.0795, 50.4802,
56.2247

180.6569,
184.8495, 204.2559

35.6946, 35.7951,
39.9779

221.0604,
226.6028, 250.1513

24.3675, 24.2760,
27.2077

267.0792,
274.2129, 302.4531

15.7326, 15.5385,
17.4954

319.0785,
328.0642, 361.5797

9.4248, 9.1982,
10.4227

377.4237,

5.0786, 4.8707,

388.5410, 427.9498

5.5708

442.4801,
456.0277, 501.9818

■ 2.3287, 2.1716,
2.5214

■ 0.8093, 0.7044,
0.8515

■ 89.4838, 90.8860,
100.8221

■ 89.4838, 90.8860,
100.8221

■ 80.2957, 75.9695,
87.0937

95.0500, 100.0000,
108.9000

■ 72.2903, 63.1437,
74.6061

■ 65.4188, 52.3174,
63.3237

■ 59.6265, 43.3882,
53.2071

■ 54.8542, 36.2445,
44.2145

■ 51.0363, 30.7629,
36.3010

■ 48.0994, 26.8042,
29.4179

■ 45.9582, 24.2061,
23.5114

■ 44.5080, 22.7681,
18.5197

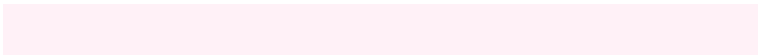
Harmonies

Analogous

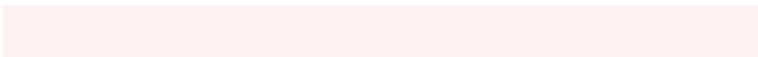
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7349, 90.8860, 105.0703



89.4838, 90.8860, 100.8221



89.3946, 90.8860, 96.2024

Triad

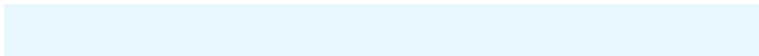
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4838, 90.8860, 100.8221



85.4163, 90.8860, 90.6791



84.3100, 90.8860, 105.7819

Complementary

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



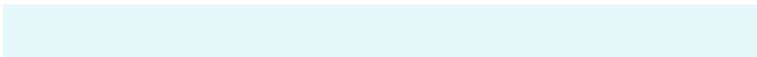
89.4838, 90.8860, 100.8221



89.1373, 97.0617, 103.6629

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.



83.4426, 90.8860, 101.7686



89.4838, 90.8860, 100.8221



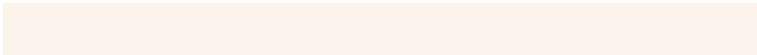
84.0758, 90.8860, 93.0901

Square

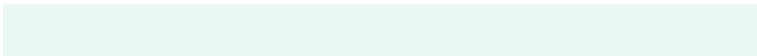
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



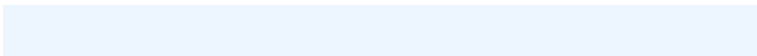
89.4838, 90.8860, 100.8221



87.0324, 90.8860, 90.4437



83.3574, 90.8860, 97.1198



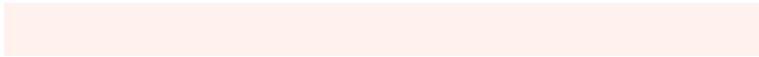
85.7397, 90.8860, 107.9935

Rectangle

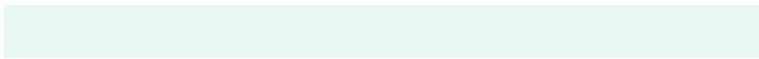
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



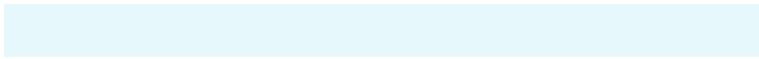
89.4838, 90.8860, 100.8221



88.8719, 90.8860, 93.5317



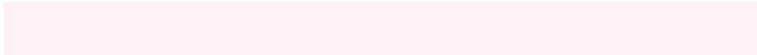
83.3574, 90.8860, 97.1198



83.9437, 90.8860, 104.5932

Sweetspot

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



89.4858, 90.8897, 100.8240



92.9787, 96.6027, 105.9118



88.5512, 90.2621, 107.3629



19.9230, 20.7125, 22.7009



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

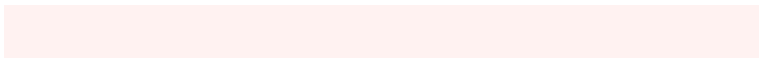
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4858, 90.8897, 100.8240



88.0182, 88.4955, 98.6666



88.8520, 91.0792, 96.1208



18.7158, 18.7401, 20.9361



23.0695, 11.7171, 9.0163



2.2996, 1.1622, 1.1591

Inverse Universe

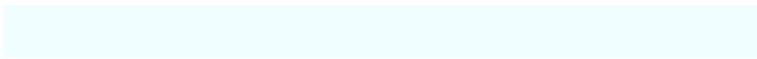
The Inverse Universe completely reimagines the original color for something new.



89.4858, 90.8897, 100.8240



88.0182, 88.4955, 98.6666



89.7908, 96.8480, 108.5688



18.7158, 18.7401, 20.9361



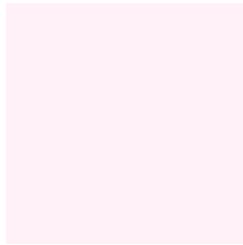
23.0695, 11.7171, 9.0163



2.2996, 1.1622, 1.1591

Previews

White Background



This preview shows how the XYZ color 89.4838, 90.8860, 100.8221 looks on a white background.

Color Contrast Check

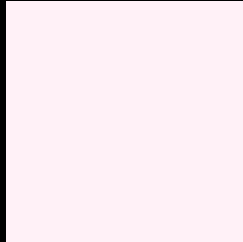
Large Text (above 18pt) WCAG AA × Fail

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 89.4838, 90.8860, 100.8221 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 89.4838, 90.8860, 100.8221

Background



This preview shows how black text looks on a background with the XYZ color 89.4838, 90.8860, 100.8221.



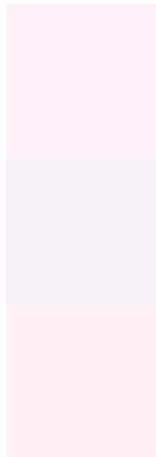
This preview shows how white text looks on a background with the XYZ color 89.4838, 90.8860,

100.8221.

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

89.4838, 90.8860, 100.8221

Protanopia

87.7053, 90.8350, 101.7173

Deuteranopia

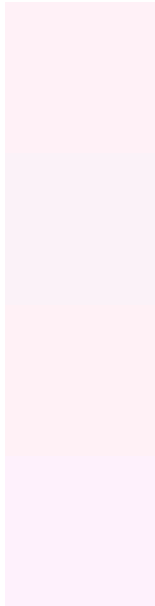
89.3298, 90.8244, 100.0115



Tritanopia

90.3783, 91.2014, 107.4479

Trichromacy



Original Color

89.4838, 90.8860, 100.8221

Protanomaly

88.4791, 90.7908, 101.6680

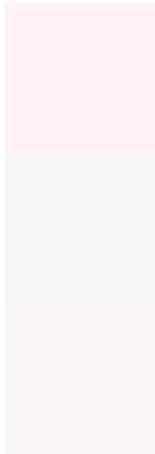
Deuteranomaly

89.3298, 90.8244, 100.0115

Tritanomaly

89.8990, 91.0097, 104.9239

Monochromacy



Original Color

89.4838, 90.8860, 100.8221

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.0522, 91.4949, 100.2082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4838, 90.8860, 100.8221 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, 247) looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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(255, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 247) }
```

Border

The CSS property to change the border of an element to XYZ 89.4838, 90.8860, 100.8221 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, 247) }
```


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

```
.border{ border-color:rgb(255, 241, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4838, 90.8860, 100.8221 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, 247) }
```

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

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