

Converting Colors

XYZ(89.6246, 90.9247,
101.6183)

Have a look what the booklet for
XYZ(89.6246, 90.9247, 101.6183)
contains.

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Color

**XYZ(89.6386, 90.9479,
101.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F8
RGB	255, 241, 248
RGB Percent	100%, 95%, 97%
CMY	0.0000, 0.0549, 0.0274
CMYK	0.00, 0.05, 0.03, 0.00
HSL	330°, 100%, 97%
HSV	330°, 5%, 100%
XYZ	89.6386, 90.9479, 101.6372
YIQ	245.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

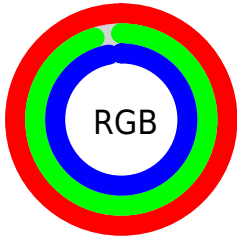
Format	Color
RYB	255, 241, 248
Decimal	16773624
CIELab	96.39, 5.90, -1.69
CIELCh	96, 6.134, 344.027
Yxy	90.9479, 0.3176, 0.3223
Android (android.graphics.Color)	4294963704 (0xFFFFF1F8)
YUV	245.9840, 0.9939, 7.9070
Hunter-Lab	95.3666, 0.8872, 3.5682

Details

The XYZ color 89.6386, 90.9479, 101.6372 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.9816, 96.9994, 102.8433, and the grayscale version is 87.5751, 92.1358, 100.3359.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1521, 50.5095, 56.9752 is the 20% darker color. If you saturate the color by 10%, you get 80.7009, 76.1315, 89.2277, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

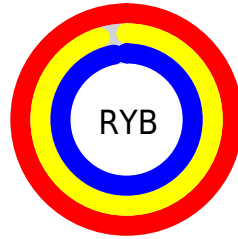
Distribution



Red (100%)

Green (95%)

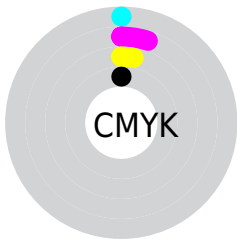
Blue (97%)



Red (100%)

Yellow (95%)

Blue (97%)

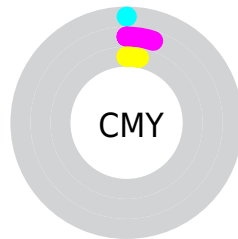


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.6386, 90.9479, 101.6372 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 89.6386, 90.9479, 101.6372 by changing the saturation by 10% instead.

89.6386, 90.9479,
101.6372

89.6386, 90.9479,
101.6372

515.1100,
531.1095, 586.7205

68.0162, 68.7671,
77.0441

145.7172,
148.6544, 165.4767

50.1847, 50.5221,
56.7773

180.9041,
184.9488, 205.5602

35.7785, 35.8284,
40.4183

221.3433,
226.7166, 251.6441

24.4325, 24.3017,
27.5485

267.4000,
274.3422, 304.1471

15.7812, 15.5576,
17.7496

319.4397,
328.2098, 363.4877

9.4594, 9.2116,
10.6028

377.8277,

5.1015, 4.8795,

388.7040, 430.0845

5.6896

442.9293,
456.2091, 504.3559

■ 2.3423, 2.1767,
2.5916

■ 0.8162, 0.7073,
0.8881

■ 89.6386, 90.9479,
101.6372

■ 89.6386, 90.9479,
101.6372

■ 80.7009, 76.1315,
89.2277

95.0500, 100.0000,
108.9000

■ 72.9063, 63.3901,
77.8499

■ 66.2072, 52.6328,
67.4757

■ 60.5506, 43.7578,
58.0734

■ 55.8786, 36.6542,
49.6092

■ 52.1275, 31.1993,
42.0468

■ 49.2253, 27.2546,
35.3467

■ 47.0887, 24.6583,
29.4648

■ 45.6151, 23.2110,
24.3498

Harmonies

Analogous

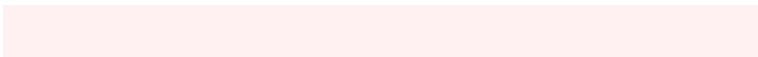
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7454, 90.9479, 105.9433



89.6386, 90.9479, 101.6372



89.6682, 90.9479, 96.7650

Triad

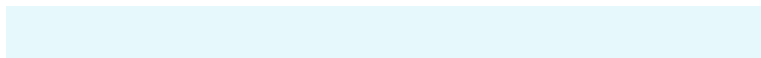
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.6386, 90.9479, 101.6372



85.6498, 90.9479, 90.1807



84.1038, 90.9479, 105.7073

Complementary

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



89.6386, 90.9479, 101.6372



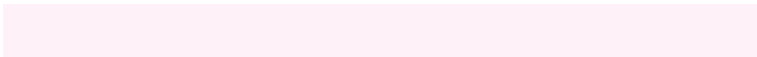
88.9816, 96.9994, 102.8433

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.



83.2966, 90.9479, 101.3236



89.6386, 90.9479, 101.6372



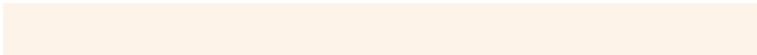
84.1812, 90.9479, 92.4181

Square

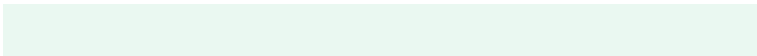
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



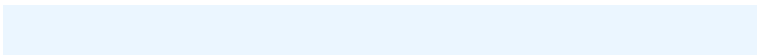
89.6386, 90.9479, 101.6372



87.3500, 90.9479, 90.2584



83.3248, 90.9479, 96.4615



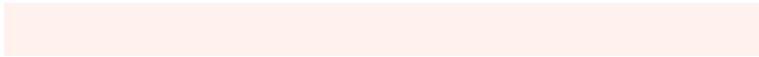
85.5428, 90.9479, 108.3455

Rectangle

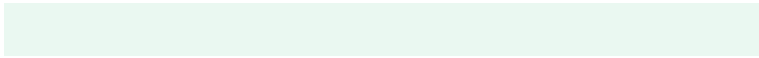
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



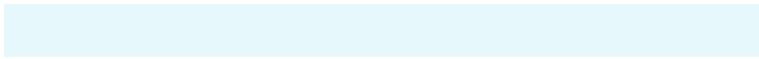
89.6386, 90.9479, 101.6372



89.1932, 90.9479, 93.8572



83.3248, 90.9479, 96.4615



83.7504, 90.9479, 104.3828

Sweetspot

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



89.6406, 90.9515, 101.6391



93.0366, 96.6259, 106.2165



88.2195, 90.0911, 107.3474



19.9348, 20.7173, 22.7629



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

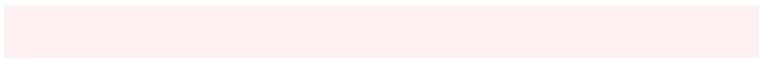
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6406, 90.9515, 101.6391



88.2135, 88.5736, 99.6949



88.5751, 90.5254, 96.0285



18.7610, 18.7582, 21.1741



23.6421, 11.9461, 12.0315



2.3571, 1.1852, 1.4617

Inverse Universe

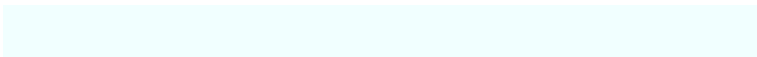
The Inverse Universe completely reimagines the original color for something new.



89.6406, 90.9515, 101.6391



88.2135, 88.5736, 99.6949



90.0877, 97.4418, 108.6678



18.7610, 18.7582, 21.1741



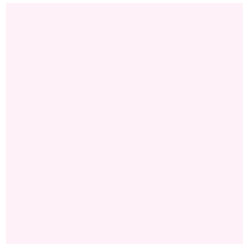
23.6421, 11.9461, 12.0315



2.3571, 1.1852, 1.4617

Previews

White Background



This preview shows how the XYZ color 89.6386, 90.9479, 101.6372 looks on a white background.

Color Contrast Check

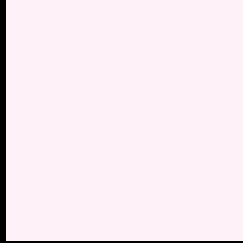
Large Text (above 18pt) WCAG AA × Fail

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 89.6386, 90.9479, 101.6372 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 89.6386, 90.9479, 101.6372

Background



This preview shows how black text looks on a background with the XYZ color 89.6386, 90.9479, 101.6372.



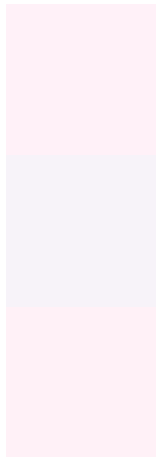
This preview shows how white text looks on a background with the XYZ color 89.6386, 90.9479,

101.6372.

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

89.6386, 90.9479, 101.6372

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

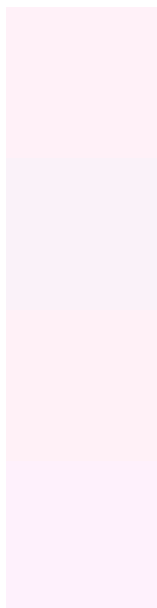
89.4838, 90.8860, 100.8221



Tritanopia

90.3783, 91.2014, 107.4479

Trichromacy



Original Color

89.6386, 90.9479, 101.6372

Protanomaly

88.2754, 90.6678, 102.4706

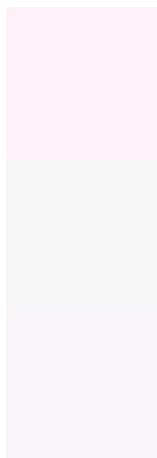
Deuteranomaly

89.4838, 90.8860, 100.8221

Tritanomaly

89.8990, 91.0097, 104.9239

Monochromacy



Original Color

89.6386, 90.9479, 101.6372

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.2061, 91.5565, 101.0189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6386, 90.9479, 101.6372 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 248) }
```

Border

The CSS property to change the border of an element to XYZ 89.6386, 90.9479, 101.6372 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, 248) }
```


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

```
.border{ border-color:rgb(255, 241, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6386, 90.9479, 101.6372 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, 248) }
```

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

```
.background{ background-color: rgb(255,  
241, 248) }
```

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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