

Converting Colors

XYZ(106.8903, 100.0000,
100.5626)

Have a look what the booklet for
XYZ(106.8903, 100.0000, 100.5626)
contains.

XYZ(89.3298, 90.8244, 100.0115)	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(89.3298, 90.8244,
100.0115)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F6
RGB	255, 241, 246
RGB Percent	100%, 95%, 96%
CMY	0.0000, 0.0549, 0.0353
CMYK	0.00, 0.05, 0.04, 0.00
HSL	339°, 100%, 97%
HSV	339°, 5%, 100%
XYZ	89.3298, 90.8244, 100.0115
YIQ	245.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 241, 246
Decimal	16773622
CIE _{Lab}	96.34, 5.55, -0.73
CIE _{LCh}	96, 5.600, 352.531
Yxy	90.8244, 0.3188, 0.3242
Android (android.graphics.Color)	4294963702 (0xFFFFF1F6)
YUV	245.7560, 0.1203, 8.1070
Hunter-Lab	95.3018, 0.5362, 4.4913

Details

The XYZ color **89.3298, 90.8244, 100.0115** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.2937, 97.1242, 104.4866**, and the grayscale version is **87.3974, 91.9489, 100.1323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.9319, 50.4214, 55.8158** is the 20% darker color. If you saturate the color by 10%, you get **79.8970, 75.8100, 84.9941**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (95%)

Blue (96%)



Red (100%)

Yellow (95%)

Blue (96%)



Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.3298, 90.8244, 100.0115 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 89.3298, 90.8244, 100.0115 by changing the saturation by 10% instead.


 89.3298, 90.8244,
100.0115

 89.3298, 90.8244,
100.0115


514.1188,
530.7090, 581.4765

 67.7594, 68.6646,
75.6932


145.2902,
148.4830, 163.2250

 49.9749, 50.4386,
55.6758


180.4109,
184.7506, 202.9573

 35.6112, 35.7620,
39.5408


220.7790,
226.4895, 248.6646

 24.3028, 24.2505,
26.8697

266.7599,
274.0843, 300.7656

 15.6843, 15.5195,
17.2438

318.7190,
327.9192, 359.6788

 9.3905, 9.1848,
10.2447

377.0216,

 5.0559, 4.8619,

388.3787, 425.8226

5.4538

442.0330,
455.8471, 499.6157

■ 2.3152, 2.1665,
2.4525

■ 0.8024, 0.7016,
0.8148

■ 89.3298, 90.8244,
100.0115

■ 89.3298, 90.8244,
100.0115

■ 79.8970, 75.8100,
84.9941

95.0500, 100.0000,
108.9000

■ 71.6914, 62.9042,
71.4525

■ 64.6626, 52.0150,
59.3418

■ 58.7540, 43.0392,
48.6125

■ 53.9042, 35.8645,
39.2118

■ 50.0455, 30.3666,
31.0835

■ 47.1022, 26.4053,
24.1666

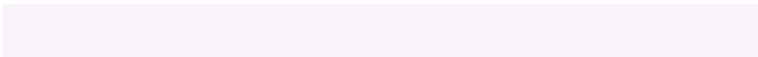
■ 44.9863, 23.8173,
18.3938

■ 43.5906, 22.4011,
13.6885

Harmonies

Analogous

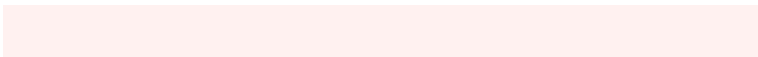
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7250, 90.8244, 104.2028



89.3298, 90.8244, 100.0115



89.1221, 90.8244, 95.6416

Triad

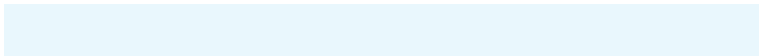
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3298, 90.8244, 100.0115



85.1832, 90.8244, 91.1789



84.5166, 90.8244, 105.8579

Complementary

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



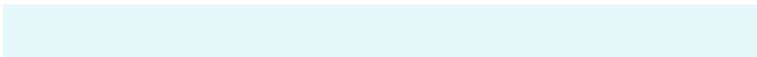
89.3298, 90.8244, 100.0115



89.2937, 97.1242, 104.4866

Split Complementary

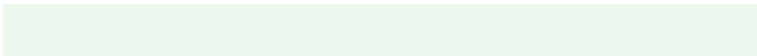
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5888, 90.8244, 102.2159



89.3298, 90.8244, 100.0115



83.9704, 90.8244, 93.7654

Square

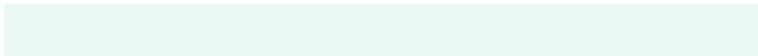
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



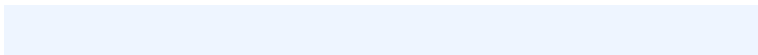
89.3298, 90.8244, 100.0115



86.7158, 90.8244, 90.6287



83.3900, 90.8244, 97.7815



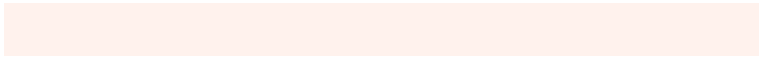
85.9371, 90.8244, 107.6436

Rectangle

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



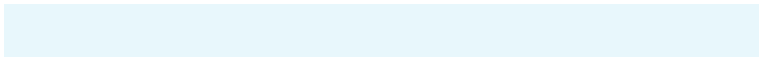
89.3298, 90.8244, 100.0115



88.5519, 90.8244, 93.2063



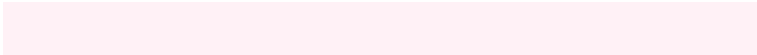
83.3900, 90.8244, 97.7815



84.1375, 90.8244, 104.8050

Sweetspot

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



89.3319, 90.8281, 100.0134



92.9210, 96.5797, 105.6078



88.8845, 90.4340, 107.3785



19.9112, 20.7078, 22.6390



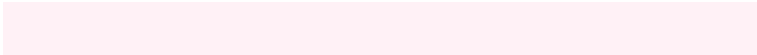
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

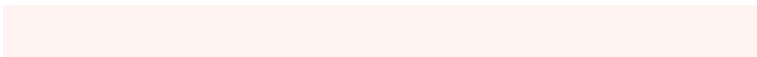
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3319, 90.8281, 100.0134



87.8243, 88.4179, 97.6456



89.1304, 91.6358, 96.2136



18.6709, 18.7222, 20.7000



22.6006, 11.5295, 6.5470



2.2504, 1.1425, 0.8999

Inverse Universe

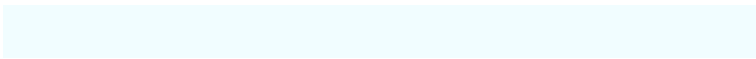
The Inverse Universe completely reimagines the original color for something new.



89.3319, 90.8281, 100.0134



87.8243, 88.4179, 97.6456



89.4953, 96.2571, 108.4703



18.6709, 18.7222, 20.7000



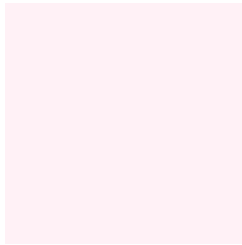
22.6006, 11.5295, 6.5470



2.2504, 1.1425, 0.8999

Previews

White Background



This preview shows how the XYZ color 89.3298, 90.8244, 100.0115 looks on a white background.

Color Contrast Check

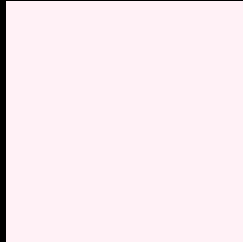
Large Text (above 18pt) WCAG AA × Fail

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 89.3298, 90.8244, 100.0115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

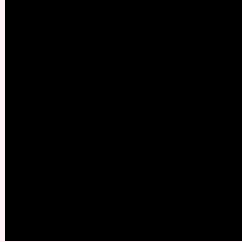
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.3298, 90.8244, 100.0115

Background



This preview shows how black text looks on a background with the XYZ color 89.3298, 90.8244, 100.0115.

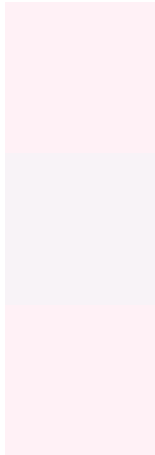


This preview shows how white text looks on a background with the XYZ color 89.3298, 90.8244,

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

89.3298, 90.8244, 100.0115

Protanopia

87.5505, 90.7730, 100.9022

Deuteranopia

89.3298, 90.8244, 100.0115



Tritanopia

90.0831, 90.6110, 107.3495

Trichromacy



Original Color

89.3298, 90.8244, 100.0115

Protanomaly

88.3243, 90.7289, 100.8529

Deuteranomaly

89.3298, 90.8244, 100.0115

Tritanomaly

89.6038, 90.4193, 104.8255

Monochromacy



Original Color

89.3298, 90.8244, 100.0115

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 89.3298, 90.8244, 100.0115 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 246) }
```

Border

The CSS property to change the border of an element to XYZ 89.3298, 90.8244, 100.0115 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, 246) }
```


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

```
.border{ border-color:rgb(255, 241, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 89.3298, 90.8244, 100.0115 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, 246) }
```

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

```
.background{ background-color: rgb(255,  
241, 246) }
```

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