

Converting Colors

XYZ(89.3636, 97.4518, 91.3177)

Have a look what the booklet for
XYZ(89.3636, 97.4518, 91.3177)
contains.

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Color

**XYZ(89.1794, 97.3597,
91.1828)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE9
RGB	248, 255, 233
RGB Percent	97%, 100%, 91%
CMY	0.0274, 0.0000, 0.0863
CMYK	0.03, 0.00, 0.09, 0.00
HSL	79°, 100%, 96%
HSV	79°, 9%, 100%
XYZ	89.1794, 97.3597, 91.1828
YIQ	250.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

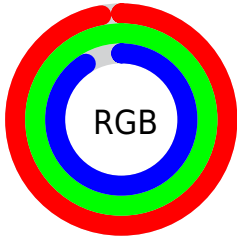
Format	Color
R_{YB}	233, 255, 240
Decimal	16318441
CIE _{Lab}	98.97, -6.07, 9.71
CIE _{LCh}	99, 11.449, 122.008
Yxy	97.3597, 0.3211, 0.3506
Android (android.graphics.Color)	4294508521 (0xFFFF8FFE9)
YUV	250.3990, -8.5777, -2.1039
Hunter-Lab	98.6710, -11.3450, 14.2793

Details

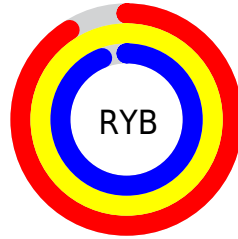
The XYZ color 89.1794, 97.3597, 91.1828 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.1248, 84.0242, 106.4449, and the grayscale version is 91.2627, 96.0155, 104.5609.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8681, 54.7690, 49.5381 is the 20% darker color. If you saturate the color by 10%, you get 82.9813, 94.5553, 73.2311, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

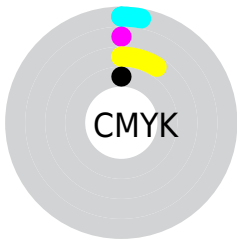
Distribution



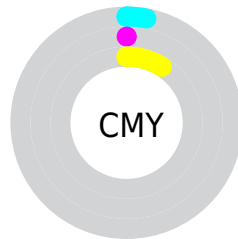
- Red (97%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1794, 97.3597, 91.1828 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 89.1794, 97.3597, 91.1828 by changing the saturation by 10% instead.

89.1794, 97.3597,
91.1828

89.1794, 97.3597,
91.1828

513.6356,
551.6920, 552.5401

67.6343, 74.1005,
68.3828

145.0822,
157.5206, 150.9301

49.8728, 54.8763,
49.7406

180.1705,
195.1912, 188.7145

35.5298, 39.3027,
34.8376

220.5040,
238.4342, 232.3309

24.2397, 26.9953,
23.2553

266.4479,
287.6343, 282.1977

15.6372, 17.5697,
14.5750

318.3677,
343.1757, 338.7334

9.3570, 10.6415,
8.3784

376.6287,

5.0337, 5.8263,

405.4429, 402.3567

4.2468

441.5962,
474.8202, 473.4861

■ 2.3020, 2.7398,
1.7617

■ 0.7957, 0.9974,
0.4025

■ 89.1794, 97.3597,
91.1828

■ 89.1794, 97.3597,
91.1828

■ 82.9813, 94.5553,
73.2311

95.0500, 100.0000,
108.9000

■ 77.4096, 92.0158,
57.9379

■ 72.4394, 89.7308,
45.1776

■ 68.0430, 87.6892,
34.8129

■ 64.1901, 85.8787,
26.6933

■ 60.8474, 84.2857,
20.6516

■ 57.9768, 82.8949,
16.4968

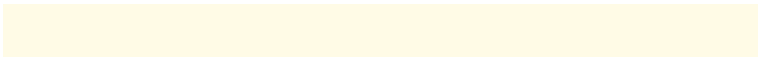
■ 55.5337, 81.6881,
14.0030

■ 53.4552, 80.6400,
12.8483

Harmonies

Analogous

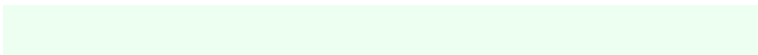
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3129, 97.3597, 88.6904



89.1794, 97.3597, 91.1828



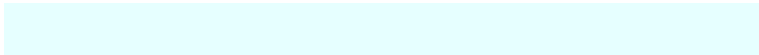
86.9888, 97.3597, 97.6188

Triad

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



89.1794, 97.3597, 91.1828



89.5598, 97.3597, 123.0689



99.0963, 97.3597, 105.3657

Complementary

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



89.1794, 97.3597, 91.1828



83.1248, 84.0242, 106.4449

Split Complementary

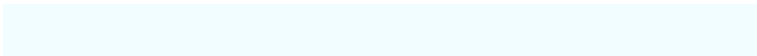
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.3172, 97.3597, 114.8650



89.1794, 97.3597, 91.1828



92.7624, 97.3597, 125.4452

Square

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



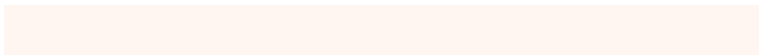
89.1794, 97.3597, 91.1828



87.2047, 97.3597, 116.0453



95.9788, 97.3597, 122.3592



98.0833, 97.3597, 96.5672

Rectangle

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



89.1794, 97.3597, 91.1828



86.3303, 97.3597, 103.4749



95.9788, 97.3597, 122.3592



99.0353, 97.3597, 108.5824

Sweetspot

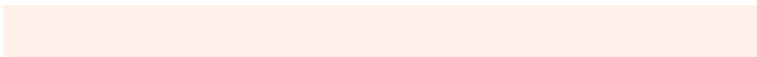
The Sweet Spot groups the original color and five complimentary colors.



89.1801, 97.3600, 91.1843



92.9528, 99.0583, 102.5002



87.0989, 89.4446, 89.7661



19.7779, 21.1496, 21.5824



0.0000, 0.0000, 0.0000



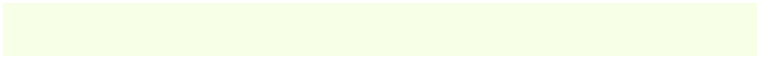
20.3446, 21.4041, 23.3091

Same Dimension

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



89.1801, 97.3600, 91.1843



88.2908, 96.9588, 88.5568



85.4049, 95.4138, 91.0076



18.9662, 20.7840, 19.1564



27.9534, 42.1486, 6.6622



2.8353, 4.1624, 0.6540

Inverse Universe

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



83.1248, 84.0242, 106.4449



81.3379, 81.6459, 106.0800



86.9612, 86.0020, 106.6244



17.5469, 17.6582, 22.7335



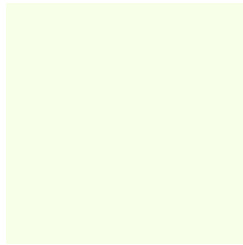
11.3465, 4.7598, 49.7553



1.2126, 0.5190, 4.8495

Previews

White Background



This preview shows how the XYZ color 89.1794, 97.3597, 91.1828 looks on a white background.

Color Contrast Check

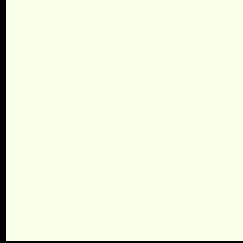
Large Text (above 18pt) WCAG AA × Fail

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 89.1794, 97.3597, 91.1828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

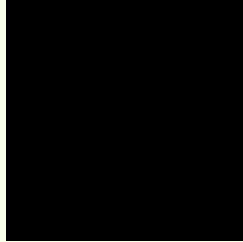
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.1794, 97.3597, 91.1828

Background



This preview shows how black text looks on a background with the XYZ color 89.1794, 97.3597, 91.1828.

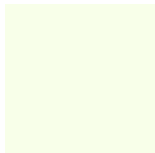


This preview shows how white text looks on a background with the XYZ color 89.1794, 97.3597,

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

89.1794, 97.3597, 91.1828



Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

89.1794, 97.3597, 91.1828

Protanomaly

91.1473, 97.2969, 97.1953

Deuteranomaly

91.2844, 96.8479, 99.4703

Tritanomaly

91.6974, 97.4752, 101.9773

Monochromacy



Original Color

89.1794, 97.3597, 91.1828

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.2065, 96.2922, 99.4198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1794, 97.3597, 91.1828 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(248, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 233)  
}
```

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(248, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 233) }
```

Border

The CSS property to change the border of an element to XYZ 89.1794, 97.3597, 91.1828 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(248, 255, 233) }
```


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

```
.border{ border-color:rgb(248, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1794, 97.3597, 91.1828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 233) }
```

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

```
.background{ background-color: rgb(248,  
255, 233) }
```

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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