

Converting Colors

XYZ(103.3686, 97.8841,
98.0219)

Have a look what the booklet for
XYZ(103.3686, 97.8841, 98.0219)
contains.

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Color

**XYZ(88.5778, 90.0512,
97.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F3
RGB	255, 240, 243
RGB Percent	100%, 94%, 95%
CMY	0.0000, 0.0588, 0.0471
CMYK	0.00, 0.06, 0.05, 0.00
HSL	348°, 100%, 97%
HSV	348°, 6%, 100%
XYZ	88.5778, 90.0512, 97.5071
YIQ	244.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

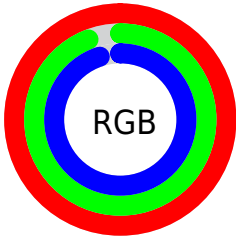
Format	Color
R _Y B	255, 240, 243
Decimal	16773363
CIE _{Lab}	96.02, 5.55, 0.36
CIE _{LCh}	96, 5.564, 3.683
Y _{xy}	90.0512, 0.3208, 0.3261
Android (android.graphics.Color)	4294963443 (0xFFFFF0F3)
Y _{UV}	244.8270, -0.9007, 8.9217
Hunter-Lab	94.8953, 0.5498, 5.5049

Details

The XYZ color **88.5778, 90.0512, 97.5071** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.2685, 97.0748, 106.1313**, and the grayscale version is **86.6563, 91.1692, 99.2833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3988, 49.8746, 54.0369** is the 20% darker color. If you saturate the color by 10%, you get **78.6797, 74.9156, 79.8405**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

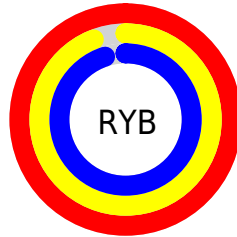
Distribution



Red (100%)

Green (94%)

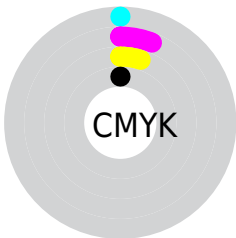
Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)

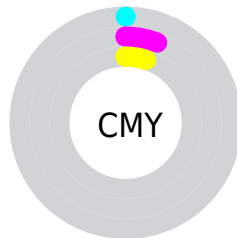


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5778, 90.0512, 97.5071 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 88.5778, 90.0512, 97.5071 by changing the saturation by 10% instead.


 88.5778, 90.0512,
97.5071

 88.5778, 90.0512,
97.5071


511.7007,
528.1974, 573.3485

 67.1341, 68.0231,
73.6150


144.2497,
147.4095, 159.7490

 49.4647, 49.9165,
53.9841


179.2086,
183.5085, 198.9359

 35.2043, 35.3471,
38.1959


219.4033,
225.0666, 244.0581

 23.9875, 23.9304,
25.8317

265.1991,
272.4682, 295.5343

 15.4491, 15.2820,
16.4732

316.9614,
326.0977, 353.7828

 9.2235, 9.0175,
9.7016

375.0555,

 4.9455, 4.7526,

386.3395, 419.2224

5.0986

439.8468,
453.5779, 492.2714

■ 2.2498, 2.1029,
2.2455

■ 0.7688, 0.6662,
0.7004

■ 88.5778, 90.0512,
97.5071

■ 88.5778, 90.0512,
97.5071

■ 78.6797, 74.9156,
79.8405

95.0500, 100.0000,
108.9000

■ 70.1222, 61.9311,
64.2541

■ 62.8486, 51.0030,
50.6723

■ 56.7960, 42.0253,
39.0129

■ 51.8961, 34.8827,
29.1877

■ 48.0736, 29.4473,
21.1016

■ 45.2442, 25.5751,
14.6505

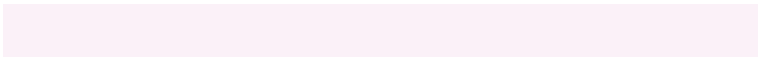
■ 43.3102, 23.0978,
9.7187

■ 42.1527, 21.8076,
6.1738

Harmonies

Analogous

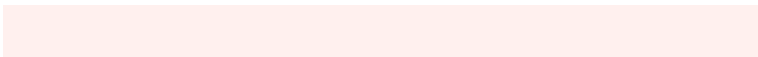
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2706, 90.0512, 101.8554



88.5778, 90.0512, 97.5071



88.0768, 90.0512, 93.4255

Triad

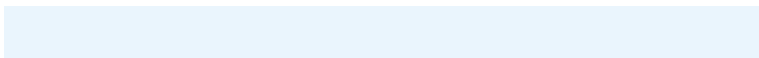
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5778, 90.0512, 97.5071



83.9604, 90.0512, 91.1668



84.2859, 90.0512, 105.8440

Complementary

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



88.5778, 90.0512, 97.5071



89.2685, 97.0748, 106.1313

Split Complementary

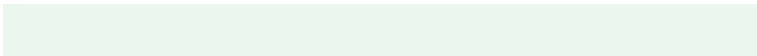
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1524, 90.0512, 102.8256



88.5778, 90.0512, 97.5071



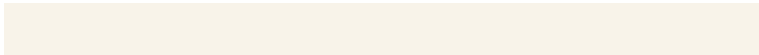
82.9661, 90.0512, 94.3414

Square

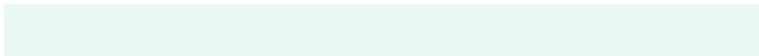
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5778, 90.0512, 97.5071



85.4010, 90.0512, 89.8348



82.6720, 90.0512, 98.5958



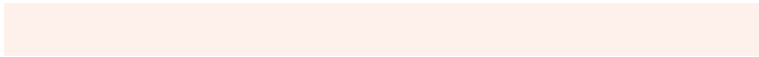
85.7812, 90.0512, 106.7523

Rectangle

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



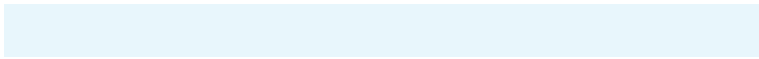
88.5778, 90.0512, 97.5071



87.3553, 90.0512, 91.3798



82.6720, 90.0512, 98.5958



83.8505, 90.0512, 105.0381

Sweetspot

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



88.5797, 90.0548, 97.5090



92.7944, 96.5290, 104.9410



89.3571, 90.2393, 107.3160



19.8854, 20.6975, 22.5032



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

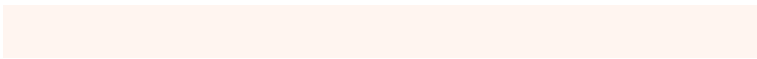
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5797, 90.0548, 97.5090



87.4025, 88.2492, 95.4244



89.4716, 92.5568, 95.5922



18.5735, 18.6832, 20.1866



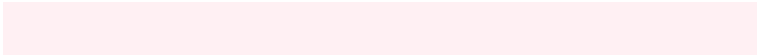
21.9021, 11.2501, 2.8688



2.1691, 1.1100, 0.4719

Inverse Universe

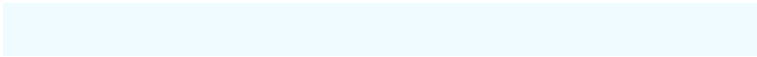
The Inverse Universe completely reimagines the original color for something new.



88.5797, 90.0548, 97.5090



87.4025, 88.2492, 95.4244



88.3289, 94.4298, 108.1791



18.5735, 18.6832, 20.1866



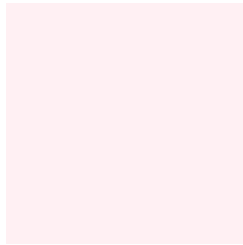
21.9021, 11.2501, 2.8688



2.1691, 1.1100, 0.4719

Previews

White Background



This preview shows how the XYZ color 88.5778, 90.0512, 97.5071 looks on a white background.

Color Contrast Check

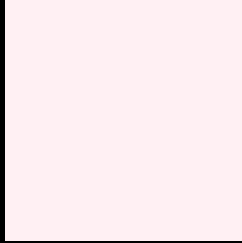
Large Text (above 18pt) WCAG AA × Fail

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 88.5778, 90.0512, 97.5071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

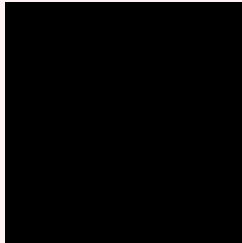
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5778, 90.0512, 97.5071

Background



This preview shows how black text looks on a background with the XYZ color 88.5778, 90.0512, 97.5071.



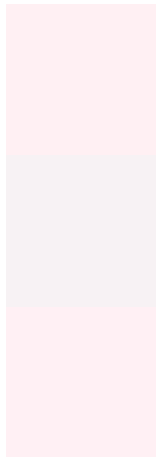
This preview shows how white text looks on a background with the XYZ color 88.5778, 90.0512,

97.571.

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

88.5778, 90.0512, 97.5071

Protanopia

86.4390, 89.8101, 98.3672

Deuteranopia

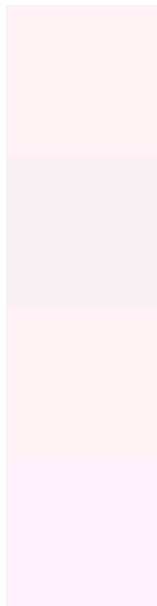
88.7292, 90.1118, 98.3047



Tritanopia

90.1565, 90.2130, 107.2688

Trichromacy



Original Color

88.5778, 90.0512, 97.5071

Protanomaly

87.2088, 89.7662, 98.3182

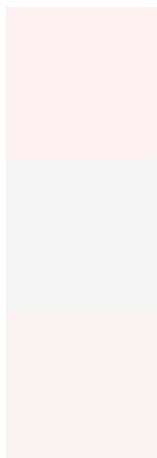
Deuteranomaly

88.7292, 90.1118, 98.3047

Tritanomaly

89.5191, 89.9580, 103.9123

Monochromacy



Original Color

88.5778, 90.0512, 97.5071

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.4466, 90.7726, 98.4999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5778, 90.0512, 97.5071 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, 240, 243) looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 243) }
```

Border

The CSS property to change the border of an element to XYZ 88.5778, 90.0512, 97.5071 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, 240, 243) }
```


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

```
.border{ border-color:rgb(255, 240, 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, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5778, 90.0512, 97.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 243) }
```

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

```
.background{ background-color: rgb(255,  
240, 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](#).

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