

Converting Colors

XYZ(89.8487, 93.1377,
100.4449)

Have a look what the booklet for
XYZ(89.8487, 93.1377, 100.4449)
contains.

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Color

**XYZ(90.0983, 93.4480,
100.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF6F6
RGB	253, 246, 246
RGB Percent	99%, 96%, 96%
CMY	0.0078, 0.0353, 0.0353
CMYK	0.00, 0.03, 0.03, 0.01
HSL	0°, 64%, 98%
HSV	0°, 3%, 99%
XYZ	90.0983, 93.4480, 100.4774
YIQ	248.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

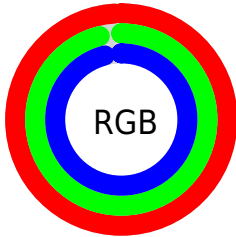
Format	Color
R _Y B	253, 246, 246
Decimal	16643830
CIE Lab	97.41, 2.33, 0.82
CIE LCh	97, 2.474, 19.307
Yxy	93.4480, 0.3172, 0.3290
Android (android.graphics.Color)	4294833910 (0xFFFD6F6)
YUV	248.0930, -1.0318, 4.3034
Hunter-Lab	96.6685, -2.8019, 6.0418

Details

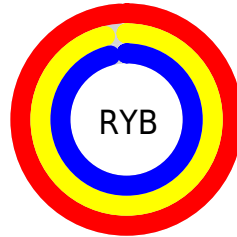
The XYZ color 90.0983, 93.4480, 100.4774 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8609, 96.9338, 106.8509, and the grayscale version is 89.3072, 93.9582, 102.3204.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4727, 52.2804, 56.1461 is the 20% darker color. If you saturate the color by 10%, you get 79.3029, 77.6533, 79.0073, and if you desaturate by 10%, it is 94.3185, 99.6229, 108.8658.

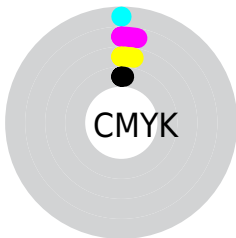
Distribution



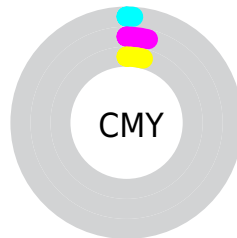
- Red (99%)
- Green (96%)
- Blue (96%)



- Red (99%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.0983, 93.4480, 100.4774 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 90.0983, 93.4480, 100.4774 by changing the saturation by 10% instead.


 90.0983, 93.4480,
100.4774

 90.0983, 93.4480,
100.4774


516.5837,
539.1844, 582.9819

 68.3987, 70.8439,
76.0802


146.3526,
152.1187, 163.8707

 50.4970, 52.2148,
55.9912


181.6380,
188.9541, 203.7038

 36.0279, 37.1763,
39.7919


222.1827,
231.3021, 249.5194

 24.6260, 25.3441,
27.0638

268.3521,
279.5471, 301.7359

 15.9258, 16.3336,
17.3883

320.5116,
334.0734, 360.7718

 9.5622, 9.7605,
10.3468

379.0264,

 5.1697, 5.2405,

395.2654, 427.0458

5.5209

444.2620,
463.5076, 500.9763

■ 2.3829, 2.3890,
2.4920

■ 0.8366, 0.8202,
0.8359

■ 90.0983, 93.4480,
100.4774

■ 90.0983, 93.4480,
100.4774

■ 79.3029, 77.6533,
79.0073

94.3185, 99.6229,
108.8658

■ 70.0174, 64.0674,
60.5440

■ 62.1770, 52.5955,
44.9554

■ 55.7091, 43.1314,
32.0968

■ 50.5348, 35.5596,
21.8112

■ 46.5672, 29.7531,
13.9256

■ 43.7085, 25.5692,
8.2458

■ 41.8463, 22.8430,
4.5473

■ 40.8437, 21.3747,
2.5583

Harmonies

Analogous

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



90.1512, 93.4480, 102.4673



90.0983, 93.4480, 100.4774



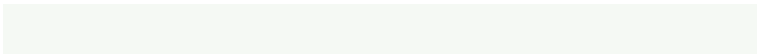
89.7017, 93.4480, 98.8487

Triad

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



90.0983, 93.4480, 100.4774



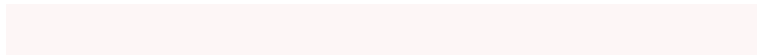
87.8010, 93.4480, 99.2516



88.5695, 93.4480, 105.5914

Complementary

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



90.0983, 93.4480, 100.4774



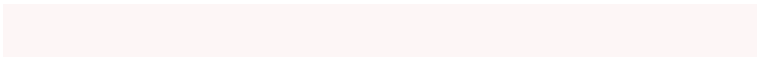
90.8609, 96.9338, 106.8509

Split Complementary

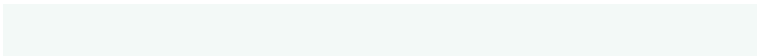
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9432, 93.4480, 104.7055



90.0983, 93.4480, 100.4774



87.5010, 93.4480, 101.0341

Square

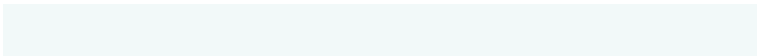
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



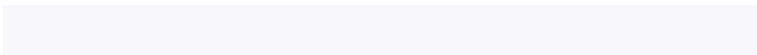
90.0983, 93.4480, 100.4774



88.3744, 93.4480, 98.1474



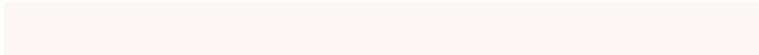
87.5529, 93.4480, 103.0313



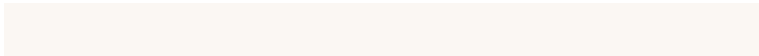
89.2661, 93.4480, 105.4376

Rectangle

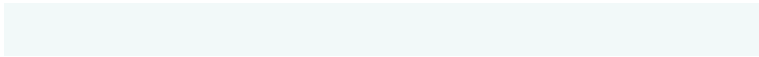
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.0983, 93.4480, 100.4774



89.2969, 93.4480, 98.1786



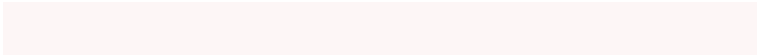
87.5529, 93.4480, 103.0313



88.3439, 93.4480, 105.4049

Sweetspot

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



90.1009, 93.4520, 100.4794



93.8345, 98.2216, 106.4828



91.1947, 93.8875, 106.2453



20.0973, 21.0422, 22.8172



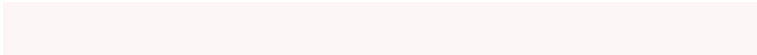
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

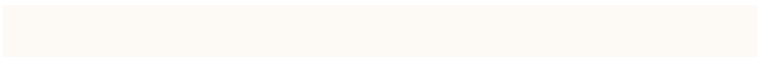
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1009, 93.4520, 100.4794



91.4519, 94.7357, 101.7449



91.1743, 95.5987, 100.8372



19.3739, 19.9839, 21.3787



21.5501, 11.1113, 1.0089



2.0986, 1.0825, 0.0983

Inverse Universe

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



90.8609, 96.9338, 106.8509



92.2898, 98.5749, 108.7704



89.7674, 94.7469, 106.4864



19.5999, 21.0196, 23.2741



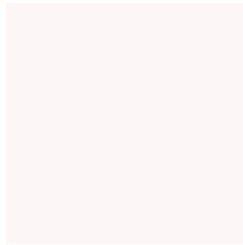
28.0914, 41.0924, 55.8856



2.7355, 4.0016, 5.4415

Previews

White Background



This preview shows how the XYZ color 90.0983, 93.4480, 100.4774 looks on a white background.

Color Contrast Check

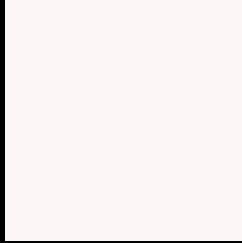
Large Text (above 18pt) WCAG AA × Fail

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 90.0983, 93.4480, 100.4774 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

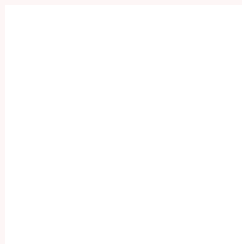
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 90.0983, 93.4480, 100.4774

Background



This preview shows how black text looks on a background with the XYZ color 90.0983, 93.4480, 100.4774.



This preview shows how white text looks on a background with the XYZ color 90.0983, 93.4480,

100.4774.

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

90.0983, 93.4480, 100.4774

Protanopia

89.7352, 93.2608, 100.4604

Deuteranopia

90.6809, 93.2802, 101.2212

Tritanopia

90.7894, 93.6408, 107.8971

Trichromacy



Original Color

90.0983, 93.4480, 100.4774

Protanomaly

89.7352, 93.2608, 100.4604

Deuteranomaly

90.3140, 93.0910, 101.2040

Tritanomaly

90.6713, 93.6353, 105.3900

Monochromacy



Original Color

90.0983, 93.4480, 100.4774

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.4736, 93.5609, 101.3390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.0983, 93.4480, 100.4774 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(253, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 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(253, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 246) }
```

Border

The CSS property to change the border of an element to XYZ 90.0983, 93.4480, 100.4774 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(253, 246, 246) }
```


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

```
.border{ border-color:rgb(253, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 90.0983, 93.4480, 100.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 246) }
```

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

```
.background{ background-color: rgb(253,  
246, 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](#).

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