

Converting Colors

XYZ(87.8781, 93.7111, 96.2591)

Have a look what the booklet for
XYZ(87.8781, 93.7111, 96.2591)
contains.

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Color

**XYZ(87.9616, 93.8168,
95.9105)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F9F0
RGB	247, 249, 240
RGB Percent	97%, 98%, 94%
CMY	0.0314, 0.0235, 0.0588
CMYK	0.01, 0.00, 0.04, 0.02
HSL	73°, 43%, 96%
HSV	73°, 4%, 98%
XYZ	87.9616, 93.8168, 95.9105
YIQ	247.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

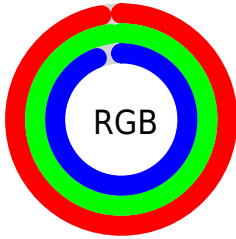
Format	Color
R_{YB}	240, 249, 242
Decimal	16251376
CIE Lab	97.56, -2.22, 4.07
CIE LCh	98, 4.637, 118.619
Yxy	93.8168, 0.3168, 0.3378
Android (android.graphics.Color)	4294441456 (0xFFFF7F9F0)
YUV	247.3760, -3.6364, -0.3298
Hunter-Lab	96.8591, -7.4004, 9.0920

Details

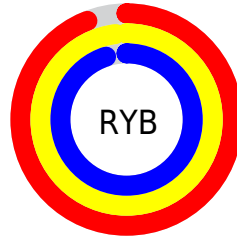
The XYZ color 87.9616, 93.8168, 95.9105 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.8806, 88.0396, 102.1471, and the grayscale version is 88.7440, 93.3656, 101.6752.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2076, 52.6770, 52.9216 is the 20% darker color. If you saturate the color by 10%, you get 82.5883, 91.4479, 77.6566, and if you desaturate by 10%, it is 92.2702, 95.7725, 108.2305.

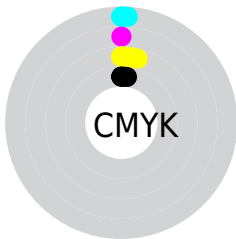
Distribution



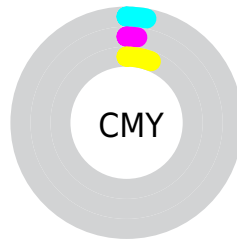
- Red (97%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9616, 93.8168, 95.9105 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 87.9616, 93.8168, 95.9105 by changing the saturation by 10% instead.

87.9616, 93.8168,
95.9105

87.9616, 93.8168,
95.9105

509.7148,
540.3701, 568.1344

66.6220, 71.1506,
72.2920

143.3965,
152.6290, 157.5283

49.0470, 52.4651,
52.9089

178.2225,
189.5437, 196.3646

34.8715, 37.3759,
37.3428

218.2746,
231.9767, 241.1106

23.7299, 25.4987,
25.1752

263.9182,
280.3124, 292.1848

15.2571, 16.4490,
15.9874

315.5186,
334.9352, 350.0057

9.0875, 9.8424,
9.3610

373.4413,

4.8559, 5.2946,

396.2295, 414.9919

4.8774

438.0516,
464.5797, 487.5620

■ 2.1968, 2.4211,
2.1180

■ 0.7411, 0.8367,
0.6265

■ 87.9616, 93.8168,
95.9105

■ 87.9616, 93.8168,
95.9105

■ 82.5883, 91.4479,
77.6566

■ 92.2702, 95.7725,
108.2305

■ 77.7571, 89.2996,
61.9686

■ 93.1675, 96.2351,
108.2725

■ 73.4483, 87.3668,
48.7330

■ 69.6377, 85.6399,
37.8255

■ 66.2991, 84.1082,
29.1107

■ 63.4037, 82.7602,
22.4395

■ 60.9190, 81.5829,
17.6439

■ 58.8076, 80.5612,
14.5297

■ 57.0240, 79.6768,
12.8598

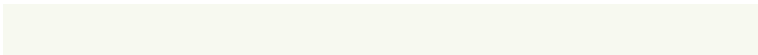
Harmonies

Analogous

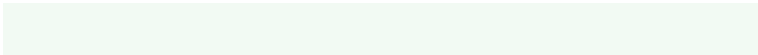
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2311, 93.8168, 95.0647



87.9616, 93.8168, 95.9105



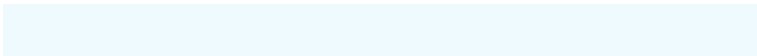
87.0238, 93.8168, 98.4173

Triad

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



87.9616, 93.8168, 95.9105



87.8568, 93.8168, 108.4734



91.7278, 93.8168, 102.3256

Complementary

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



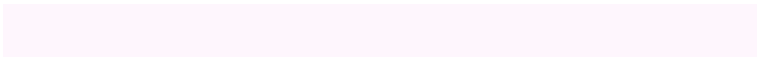
87.9616, 93.8168, 95.9105



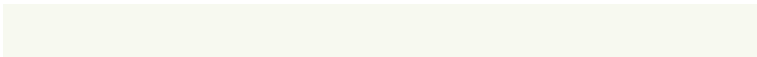
84.8806, 88.0396, 102.1471

Split Complementary

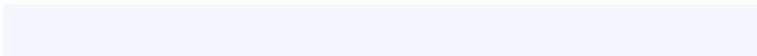
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3513, 93.8168, 105.9770



87.9616, 93.8168, 95.9105



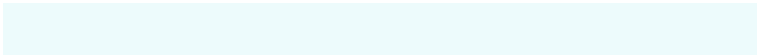
89.1090, 93.8168, 109.5800

Square

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



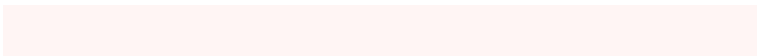
87.9616, 93.8168, 95.9105



86.9637, 93.8168, 105.6668



90.3895, 93.8168, 108.6555



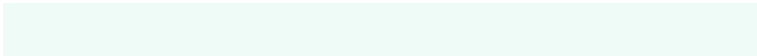
91.4134, 93.8168, 98.7132

Rectangle

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



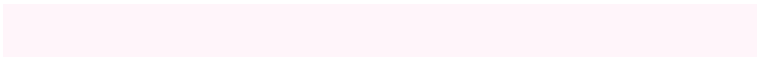
87.9616, 93.8168, 95.9105



86.7085, 93.8168, 100.7249



90.3895, 93.8168, 108.6555



91.6778, 93.8168, 103.5896

Sweetspot

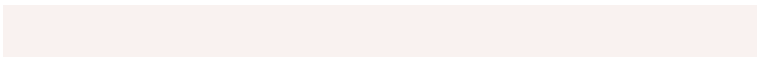
The Sweet Spot groups the original color and five complimentary colors.



87.9642, 93.8209, 95.9125



94.4335, 99.7293, 106.7423



86.5356, 89.9084, 95.2326



20.2192, 21.3490, 22.8700



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.



87.9642, 93.8209, 95.9125



92.6203, 98.9322, 100.4404



86.4141, 93.0217, 95.8400



18.8878, 20.2317, 20.2688



30.1098, 42.4404, 6.6049



2.8784, 3.9770, 0.6159

Inverse Universe

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



84.8806, 88.0396, 102.1471



89.0247, 92.1909, 107.7103



86.4262, 88.8364, 102.2194



18.0186, 18.6021, 22.0262



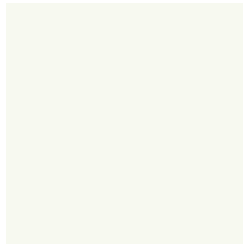
10.1081, 4.1536, 48.2425



1.0231, 0.4295, 4.4722

Previews

White Background



This preview shows how the XYZ color 87.9616, 93.8168, 95.9105 looks on a white background.

Color Contrast Check

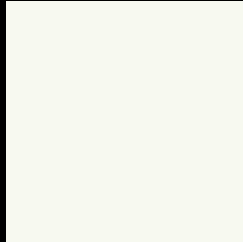
Large Text (above 18pt) WCAG AA × Fail

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 87.9616, 93.8168, 95.9105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

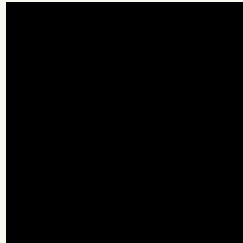
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

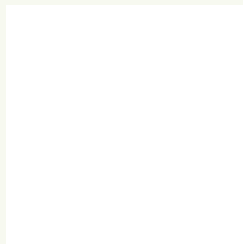
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9616, 93.8168, 95.9105

Background



This preview shows how black text looks on a background with the XYZ color 87.9616, 93.8168, 95.9105.

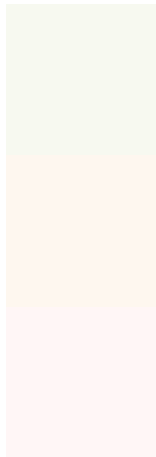


This preview shows how white text looks on a background with the XYZ color 87.9616, 93.8168,

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

87.9616, 93.8168, 95.9105

Protanopia

89.7138, 93.8244, 95.0428

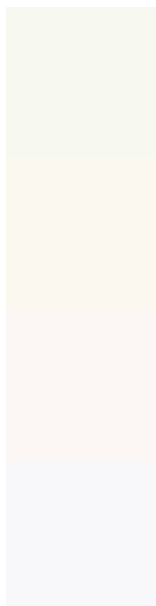
Deuteranopia

90.8303, 93.8254, 100.5116

Tritanopia

90.3777, 93.8813, 107.9652

Trichromacy



Original Color

87.9616, 93.8168, 95.9105

Protanomaly

88.9311, 93.8760, 95.0941

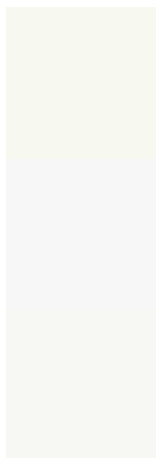
Deuteranomaly

89.7348, 93.7486, 98.9537

Tritanomaly

89.5341, 93.9934, 103.8661

Monochromacy



Original Color

87.9616, 93.8168, 95.9105

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2543, 93.4406, 98.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9616, 93.8168, 95.9105 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(247, 249, 240) looks like.

```
.text, #text, p{  
    color:rgb(247, 249, 240)  
}
```

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(247, 249, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 249, 240) }
```

Border

The CSS property to change the border of an element to XYZ 87.9616, 93.8168, 95.9105 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(247, 249, 240) }
```


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

```
.border{ border-color:rgb(247, 249, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 249, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 249,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9616, 93.8168, 95.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 249, 240) }
```

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

```
.background{ background-color: rgb(247,  
249, 240) }
```

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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