

Converting Colors

XYZ(87.5803, 96.3738, 98.4052)

Have a look what the booklet for
XYZ(87.5803, 96.3738, 98.4052)
contains.

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Color

**XYZ(87.5343, 96.3418,
98.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFF3
RGB	239, 255, 243
RGB Percent	94%, 100%, 95%
CMY	0.0627, 0.0000, 0.0471
CMYK	0.06, 0.00, 0.05, 0.00
HSL	135°, 100%, 97%
HSV	135°, 6%, 100%
XYZ	87.5343, 96.3418, 98.7763
YIQ	248.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

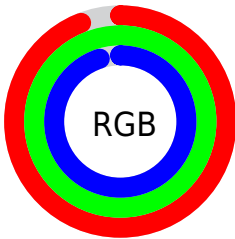
Format	Color
R_{YB}	239, 252, 255
Decimal	15728627
CIE Lab	98.57, -7.36, 3.92
CIE LCh	99, 8.343, 151.967
Yxy	96.3418, 0.3097, 0.3408
Android (android.graphics.Color)	4293918707 (0xFFEFFFF3)
YUV	248.8480, -2.8831, -8.6367
Hunter-Lab	98.1539, -12.5817, 9.0417

Details

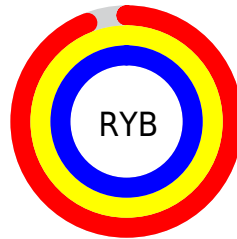
The XYZ color 87.5343, 96.3418, 98.7763 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5196, 89.9591, 103.9124, and the grayscale version is 89.9435, 94.6276, 103.0495.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.6922, 54.0433, 54.8788 is the 20% darker color. If you saturate the color by 10%, you get 76.7843, 91.1165, 83.9743, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

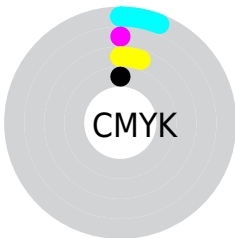
Distribution



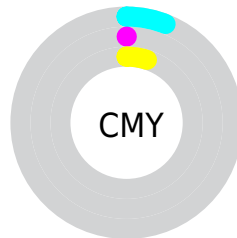
- Red (94%)
- Green (100%)
- Blue (95%)



- Red (94%)
- Yellow (99%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.5343, 96.3418, 98.7763 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 87.5343, 96.3418, 98.7763 by changing the saturation by 10% instead.


 87.5343, 96.3418,
98.7763

 87.5343, 96.3418,
98.7763


508.3352,
548.4517, 577.4753

 66.2670, 73.2523,
74.6678


142.8045,
156.1171, 161.5117

 48.7577, 54.1823,
54.8407


177.5380,
193.5716, 200.9757

 34.6410, 38.7474,
38.8764


217.4910,
236.5832, 246.3952

 23.5517, 26.5633,
26.3565

263.0288,
285.5363, 298.1889

 15.1243, 17.2455,
16.8624

314.5168,
340.8153, 356.7752

 8.9936, 10.4097,
9.9755

372.3203,

 4.7941, 5.6714,

402.8046, 422.5726

5.2773

436.8046,
471.8886, 495.9999

■ 2.1605, 2.6463,
2.3493

■ 0.7218, 0.9500,
0.7586

■ 87.5343, 96.3418,
98.7763

■ 87.5343, 96.3418,
98.7763

■ 76.7843, 91.1165,
83.9743

95.0500, 100.0000,
108.9000

■ 67.4892, 86.6075,
70.7616

■ 59.5860, 82.7835,
59.0863

■ 53.0062, 79.6103,
48.8924

■ 47.6753, 77.0507,
40.1203

■ 43.5111, 75.0638,
32.7063

■ 40.4214, 73.6033,
26.5819

■ 38.2990, 72.6157,
21.6724

■ 37.0126, 72.0348,
17.8951

Harmonies

Analogous

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



89.1348, 96.3418, 94.0232



87.5343, 96.3418, 98.7763



87.0096, 96.3418, 105.3567

Triad

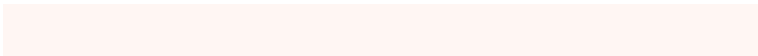
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5343, 96.3418, 98.7763



91.7294, 96.3418, 118.7520



95.5639, 96.3418, 98.0192

Complementary

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



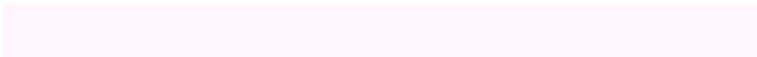
87.5343, 96.3418, 98.7763



89.5196, 89.9591, 103.9124

Split Complementary

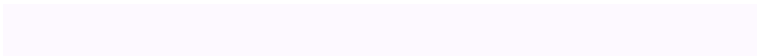
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2870, 96.3418, 104.4443



87.5343, 96.3418, 98.7763



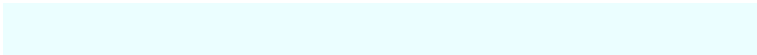
94.0491, 96.3418, 116.5845

Square

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



87.5343, 96.3418, 98.7763



89.4061, 96.3418, 117.0746



95.7279, 96.3418, 111.2714



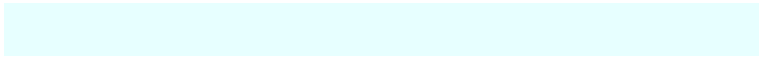
93.7685, 96.3418, 93.5998

Rectangle

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



87.5343, 96.3418, 98.7763



87.3330, 96.3418, 109.9507



95.7279, 96.3418, 111.2714



95.9418, 96.3418, 100.0061

Sweetspot

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



87.5351, 96.3422, 98.7778



92.5887, 98.8016, 105.6023



91.1241, 98.2614, 95.8263



19.8436, 21.1602, 22.6379



0.0000, 0.0000, 0.0000



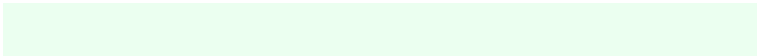
20.3446, 21.4041, 23.3091

Same Dimension

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



87.5351, 96.3422, 98.7778



85.5728, 95.3876, 96.1066



88.7699, 96.8361, 105.2797



17.9578, 20.2427, 20.0809



19.2151, 37.5826, 9.0182



1.9124, 3.6759, 1.0966

Inverse Universe

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



89.5196, 89.9591, 103.9124



88.0735, 87.3437, 102.5768



88.2849, 89.4652, 97.4105



18.5872, 18.2182, 21.7092



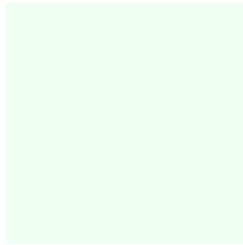
26.5395, 13.1051, 27.2890



2.6277, 1.2935, 2.8870

Previews

White Background



This preview shows how the XYZ color 87.5343, 96.3418, 98.7763 looks on a white background.

Color Contrast Check

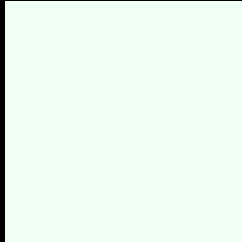
Large Text (above 18pt) WCAG AA × Fail

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 87.5343, 96.3418, 98.7763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

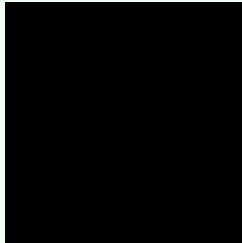
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

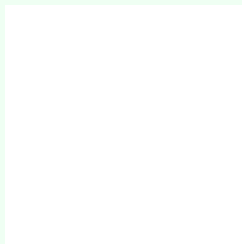
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5343, 96.3418, 98.7763

Background



This preview shows how black text looks on a background with the XYZ color 87.5343, 96.3418, 98.7763.



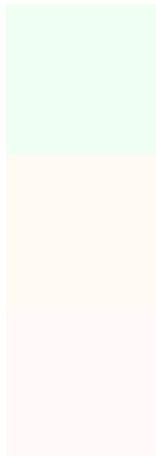
This preview shows how white text looks on a background with the XYZ color 87.5343, 96.3418,

98.7 63.

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

87.5343, 96.3418, 98.7763

Protanopia

91.7547, 96.1629, 99.3132

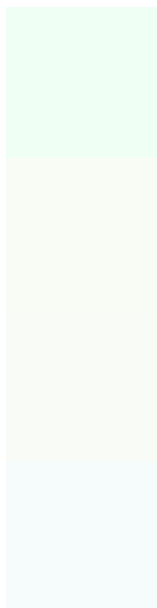
Deuteranopia

92.3710, 95.9135, 104.0872

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy



Original Color

87.5343, 96.3418, 98.7763

Protanomaly

90.2065, 96.2922, 99.4198

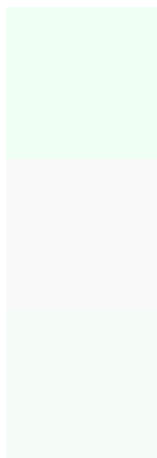
Deuteranomaly

90.3526, 95.8495, 101.7344

Tritanomaly

89.8792, 95.9983, 105.0592

Monochromacy



Original Color

87.5343, 96.3418, 98.7763

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

88.9419, 95.1222, 101.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5343, 96.3418, 98.7763 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(239, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 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(239, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.5343, 96.3418, 98.7763 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(239, 255, 243) }
```


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

```
.border{ border-color:rgb(239, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(239, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5343, 96.3418, 98.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 243) }
```

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

```
.background{ background-color: rgb(239,  
255, 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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