

Converting Colors

XYZ(87.9403, 95.8228,
102.4139)

Have a look what the booklet for
XYZ(87.9403, 95.8228, 102.4139)
contains.

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Color

**XYZ(87.9817, 96.0117,
102.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFEF8
RGB	239, 254, 248
RGB Percent	94%, 100%, 97%
CMY	0.0627, 0.0039, 0.0274
CMYK	0.06, 0.00, 0.02, 0.00
HSL	156°, 88%, 97%
HSV	156°, 6%, 100%
XYZ	87.9817, 96.0117, 102.7019
YIQ	248.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

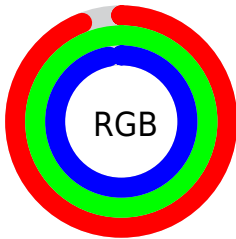
Format	Color
R_{YB}	239, 248, 254
Decimal	15728376
CIE Lab	98.44, -5.97, 1.16
CIE LCh	98, 6.084, 168.975
Yxy	96.0117, 0.3069, 0.3349
Android (android.graphics.Color)	4293918456 (0xFFEFFEF8)
YUV	248.8310, -0.4097, -8.6218
Hunter-Lab	97.9856, -11.1987, 6.4461

Details

The XYZ color **87.9817, 96.0117, 102.7019** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.2245, 89.3989, 98.9966**, and the grayscale version is **89.9135, 94.5960, 103.0151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0091, 53.8056, 57.6716** is the 20% darker color. If you saturate the color by 10%, you get **78.4677, 91.2870, 94.2482**, and if you desaturate by 10%, it is **94.7337, 99.3673, 108.7946**.

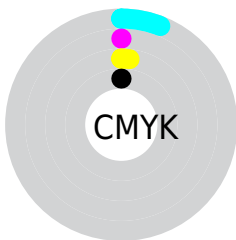
Distribution



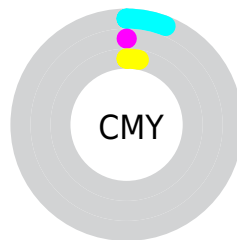
- Red (94%)
- Green (100%)
- Blue (97%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9817, 96.0117, 102.7019 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 87.9817, 96.0117, 102.7019 by changing the saturation by 10% instead.

87.9817, 96.0117,
102.7019

87.9817, 96.0117,
102.7019

509.7796,
547.3988, 590.1414

66.6387, 72.9773,
77.9295

143.4243,
155.6616, 166.9494

49.0606, 53.9574,
57.5000

178.2546,
193.0458, 207.2617

34.8823, 38.5676,
40.9947

218.3114,
235.9822, 253.5909

23.7383, 26.4235,
27.9953

263.9600,
284.8550, 306.3557

15.2633, 17.1407,
18.0831

315.5657,
340.0486, 365.9746

9.0919, 10.3349,
10.8396

373.4940,

4.8588, 5.6216,

401.9476, 432.8662

5.8463

438.1102,
470.9361, 507.4489

■ 2.1985, 2.6164,
2.6846

■ 0.7420, 0.9349,
0.9356

■ 87.9817, 96.0117,
102.7019

■ 87.9817, 96.0117,
102.7019

■ 78.4677, 91.2870,
94.2482

94.7337, 99.3673,
108.7946

■ 70.1904, 87.1875,
86.2905

■ 63.0977, 83.6890,
78.8211

■ 57.1304, 80.7614,
71.8299

■ 52.2243, 78.3715,
65.3063

■ 48.3081, 76.4828,
59.2391

■ 45.3013, 75.0541,
53.6166

■ 43.1103, 74.0372,
48.4262

■ 41.6189, 73.3725,
43.6538

Harmonies

Analogous

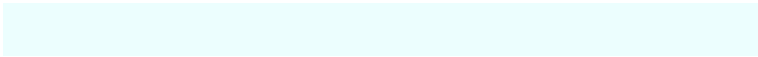
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7323, 96.0117, 98.3202



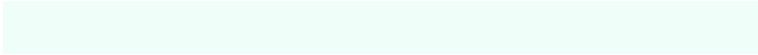
87.9817, 96.0117, 102.7019



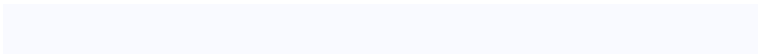
88.1000, 96.0117, 107.7167

Triad

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



87.9817, 96.0117, 102.7019



92.3587, 96.0117, 113.9551



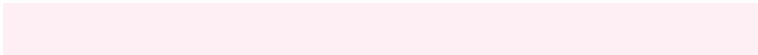
93.4907, 96.0117, 97.4128

Complementary

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



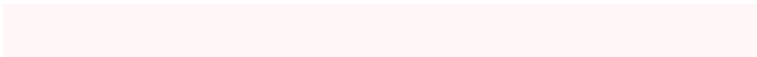
87.9817, 96.0117, 102.7019



88.2245, 89.3989, 98.9966

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.



94.4870, 96.0117, 101.4272



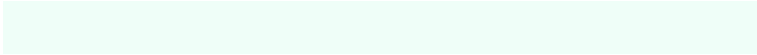
87.9817, 96.0117, 102.7019



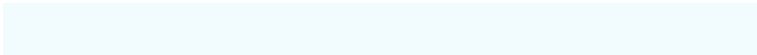
93.8276, 96.0117, 111.0177

Square

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



87.9817, 96.0117, 102.7019



90.6120, 96.0117, 114.3231



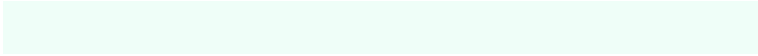
94.6110, 96.0117, 106.4008



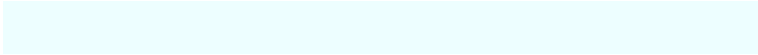
91.9035, 96.0117, 95.3323

Rectangle

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



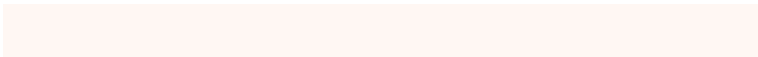
87.9817, 96.0117, 102.7019



88.6561, 96.0117, 110.7421



94.6110, 96.0117, 106.4008



93.9067, 96.0117, 98.5747

Sweetspot

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



87.9844, 96.0158, 102.7040



92.8716, 98.9148, 107.0920



88.7686, 96.5775, 95.6254



19.9012, 21.1832, 22.9412



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

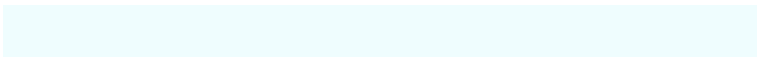
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9844, 96.0158, 102.7040



87.6563, 96.3188, 102.6622



88.5357, 95.6034, 107.5578



18.6320, 20.5515, 21.8613



21.7637, 38.6021, 22.4389



2.1731, 3.7802, 2.4692

Inverse Universe

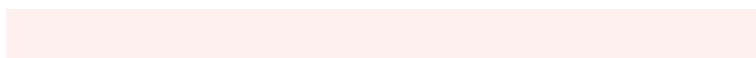
The Inverse Universe completely reimagines the original color for something new.



88.2245, 89.3989, 98.9966



87.9413, 88.4647, 98.2617



87.6898, 89.7727, 94.3688



18.6980, 18.7330, 20.8424



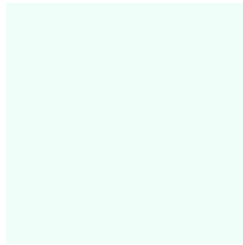
22.8718, 11.6380, 7.9755



2.2792, 1.1540, 1.0515

Previews

White Background



This preview shows how the XYZ color 87.9817, 96.0117, 102.7019 looks on a white background.

Color Contrast Check

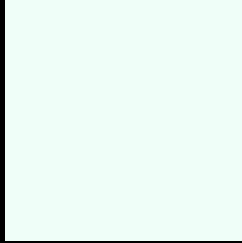
Large Text (above 18pt) WCAG AA × Fail

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 87.9817, 96.0117, 102.7019 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 87.9817, 96.0117, 102.7019

Background



This preview shows how black text looks on a background with the XYZ color 87.9817, 96.0117, 102.7019.



This preview shows how white text looks on a background with the XYZ color 87.9817, 96.0117,

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

87.9817, 96.0117, 102.7019

Protanopia

91.7502, 95.6652, 100.8182

Deuteranopia

92.3710, 95.9135, 104.0872

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

87.9817, 96.0117, 102.7019

Protanomaly

90.3526, 95.8495, 101.7344

Deuteranomaly

90.6630, 95.9737, 103.3688

Tritanomaly

89.7241, 95.4351, 105.7873

Monochromacy



Original Color

87.9817, 96.0117, 102.7019

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2523, 95.2464, 103.3028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9817, 96.0117, 102.7019 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, 254, 248)` looks like.

```
.text, #text, p{  
    color:rgb(239, 254, 248)  
}
```

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, 254, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 254, 248) }
```

Border

The CSS property to change the border of an element to XYZ 87.9817, 96.0117, 102.7019 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, 254, 248) }
```


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

```
.border{ border-color:rgb(239, 254, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 254, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 254, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 254, 248); box-shadow:4px 4px 4px 4px rgb(239, 254, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9817, 96.0117, 102.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 254, 248) }
```

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

```
.background{ background-color: rgb(239,  
254, 248) }
```

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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