

Converting Colors

XYZ(87.1875, 94.3403, 96.0523)

Have a look what the booklet for
XYZ(87.1875, 94.3403, 96.0523)
contains.

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Color

**XYZ(87.1875, 94.3403,
96.0523)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBF0
RGB	243, 251, 240
RGB Percent	95%, 98%, 94%
CMY	0.0471, 0.0157, 0.0588
CMYK	0.03, 0.00, 0.04, 0.02
HSL	104°, 58%, 96%
HSV	104°, 4%, 98%
XYZ	87.1875, 94.3403, 96.0523
YIQ	247.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

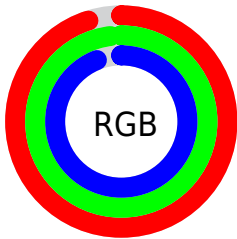
Format	Color
R_{YB}	240, 251, 248
Decimal	15989744
CIE _{Lab}	97.77, -4.56, 4.34
CIE _{LCh}	98, 6.298, 136.439
Yxy	94.3403, 0.3141, 0.3399
Android (android.graphics.Color)	4294179824 (0xFFFF3FBF0)
YUV	247.3540, -3.6255, -3.8185
Hunter-Lab	97.1289, -9.7456, 9.3575

Details

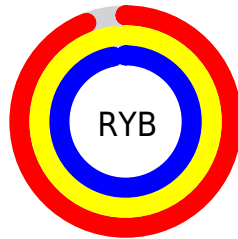
The XYZ color 87.1875, 94.3403, 96.0523 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2877, 89.2442, 103.8969, and the grayscale version is 88.7277, 93.3485, 101.6565.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.6604, 53.0557, 53.0235 is the 20% darker color. If you saturate the color by 10%, you get 77.7235, 89.8656, 77.4728, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

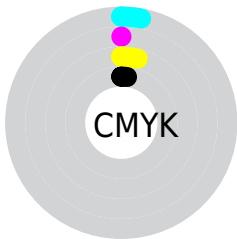
Distribution



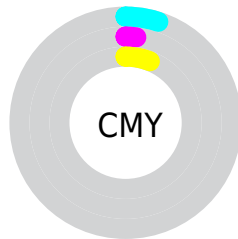
- Red (95%)
- Green (98%)
- Blue (94%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.1875, 94.3403, 96.0523 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 87.1875, 94.3403, 96.0523 by changing the saturation by 10% instead.


 87.1875, 94.3403,
96.0523

 87.1875, 94.3403,
96.0523


507.2141,
542.0509, 568.5985

 65.9789, 71.5860,
72.4094


142.3238,
153.3529, 157.7257

 48.5229, 52.8206,
53.0043


176.9822,
190.3800, 196.5932

 34.4542, 37.6596,
37.4185


216.8546,
232.9335, 241.3727

 23.4073, 25.7186,
25.2333

262.3064,
281.3978, 292.4827

 15.0169, 16.6132,
16.0304

313.7029,
336.1573, 350.3417

 8.9176, 9.9591,
9.3911

371.4094,

 4.7442, 5.3719,

397.5964, 415.3684

4.8968

435.7914,
466.0994, 487.9811

■ 2.1312, 2.4671,
2.1292

■ 0.7061, 0.8601,
0.6331

■ 87.1875, 94.3403,
96.0523

■ 87.1875, 94.3403,
96.0523

■ 77.7235, 89.8656,
77.4728

■ 93.7890, 97.4780,
108.4797

■ 69.3601, 85.8984,
61.5254

■ 62.0583, 82.4240,
48.0929

■ 55.7740, 79.4223,
37.0468

■ 50.4596, 76.8719,
28.2471

■ 46.0635, 74.7495,
21.5394

■ 42.5288, 73.0296,
16.7497

■ 39.7915, 71.6837,
13.6757

■ 37.7767, 70.6785,
12.0702

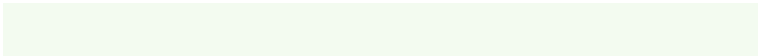
Harmonies

Analogous

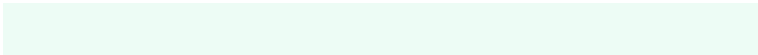
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6935, 94.3403, 93.5205



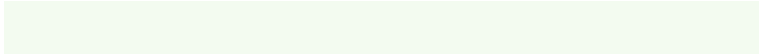
87.1875, 94.3403, 96.0523



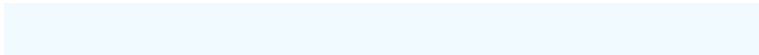
86.3511, 94.3403, 100.4181

Triad

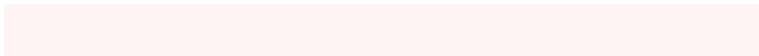
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1875, 94.3403, 96.0523



88.8600, 94.3403, 112.6417



93.0220, 94.3403, 99.9460

Complementary

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



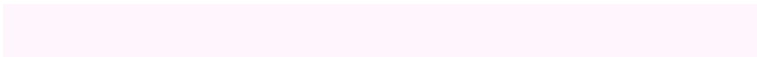
87.1875, 94.3403, 96.0523



87.2877, 89.2442, 103.8969

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.



93.0680, 94.3403, 105.0579



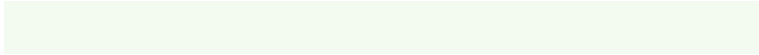
87.1875, 94.3403, 96.0523



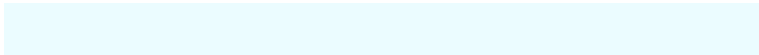
90.6488, 94.3403, 112.5050

Square

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



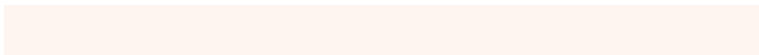
87.1875, 94.3403, 96.0523



87.3080, 94.3403, 110.0580



92.1943, 94.3403, 109.6905



92.0694, 94.3403, 95.7166

Rectangle

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



87.1875, 94.3403, 96.0523



86.2784, 94.3403, 103.8341



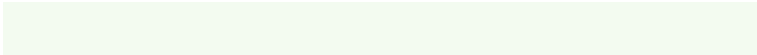
92.1943, 94.3403, 109.6905



93.1444, 94.3403, 101.6150

Sweetspot

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



87.1901, 94.3444, 96.0544



93.9630, 99.4867, 106.7203



89.0472, 93.8677, 95.8645



20.1234, 21.2997, 22.8655



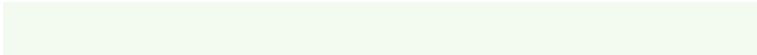
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.1901, 94.3444, 96.0544



89.7345, 97.4891, 98.2892



86.5199, 93.9576, 97.8842



18.2410, 19.9068, 19.8506



19.5207, 36.9815, 6.1093



1.9050, 3.4752, 0.5704

Inverse Universe

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



87.2877, 89.2442, 103.8969



89.8494, 91.4799, 107.5296



87.9863, 89.6475, 101.9798



18.2677, 18.5118, 21.9956



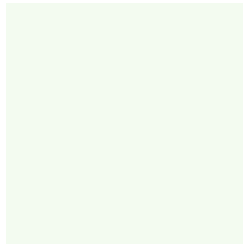
19.5120, 9.0015, 48.6826



1.9087, 0.8861, 4.5136

Previews

White Background



This preview shows how the XYZ color 87.1875, 94.3403, 96.0523 looks on a white background.

Color Contrast Check

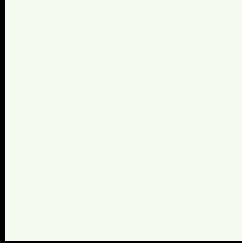
Large Text (above 18pt) WCAG AA × Fail

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 87.1875, 94.3403, 96.0523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

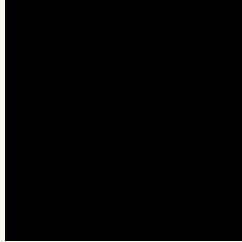
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

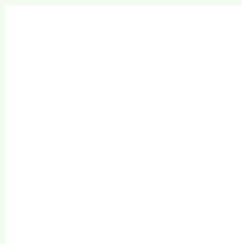
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.1875, 94.3403, 96.0523

Background



This preview shows how black text looks on a background with the XYZ color 87.1875, 94.3403, 96.0523.

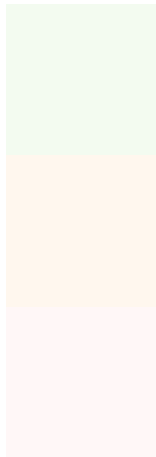


This preview shows how white text looks on a background with the XYZ color 87.1875, 94.3403,

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

87.1875, 94.3403, 96.0523

Protanopia

89.9334, 93.9546, 94.2840

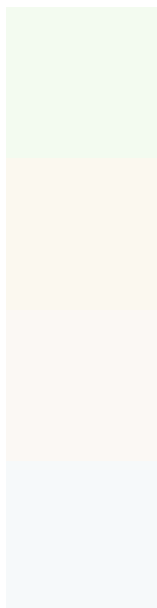
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

87.1875, 94.3403, 96.0523

Protanomaly

88.9311, 93.8760, 95.0941

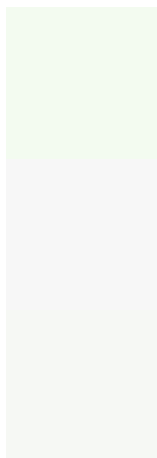
Deuteranomaly

89.6802, 94.1757, 99.0390

Tritanomaly

89.1370, 94.2463, 103.9358

Monochromacy



Original Color

87.1875, 94.3403, 96.0523

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9026, 93.2593, 98.9558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1875, 94.3403, 96.0523 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(243, 251, 240) looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 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(243, 251, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 240) }
```

Border

The CSS property to change the border of an element to XYZ 87.1875, 94.3403, 96.0523 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(243, 251, 240) }
```


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

```
.border{ border-color:rgb(243, 251, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 251, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1875, 94.3403, 96.0523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 240) }
```

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

```
.background{ background-color: rgb(243,  
251, 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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