

Converting Colors

XYZ(87.3076, 95.4976, 93.5832)

Have a look what the booklet for
XYZ(87.3076, 95.4976, 93.5832)
contains.

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Color

**XYZ(87.3735, 95.4197,
93.9335)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FDED
RGB	243, 253, 237
RGB Percent	95%, 99%, 93%
CMY	0.0471, 0.0078, 0.0706
CMYK	0.04, 0.00, 0.06, 0.01
HSL	98°, 80%, 96%
HSV	98°, 6%, 99%
XYZ	87.3735, 95.4197, 93.9335
YIQ	248.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

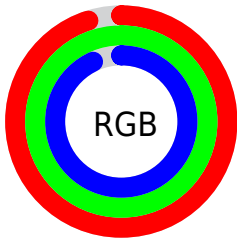
Format	Color
R _Y B	237, 253, 247
Decimal	15990253
CIE Lab	98.20, -6.08, 6.51
CIE LCh	98, 8.906, 133.068
Yxy	95.4197, 0.3157, 0.3448
Android (android.graphics.Color)	4294180333 (0xFFFF3FDED)
YUV	248.1860, -5.5147, -4.5481
Hunter-Lab	97.6830, -11.2842, 11.3639

Details

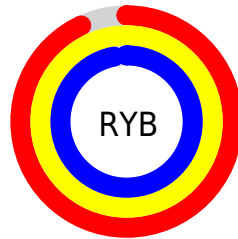
The XYZ color **87.3735, 95.4197, 93.9335** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.3753, 87.4370, 105.2581**, and the grayscale version is **89.4217, 94.0786, 102.4516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5739, 53.3808, 51.4595** is the 20% darker color. If you saturate the color by 10%, you get **78.7103, 91.3538, 75.5745**, and if you desaturate by 10%, it is **94.4172, 98.7343, 108.6891**.

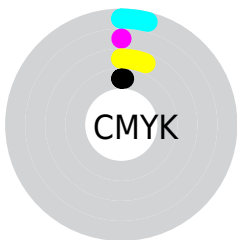
Distribution



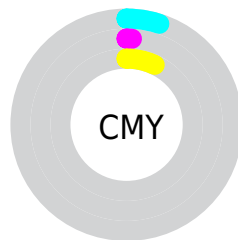
- Red (95%)
- Green (99%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (5%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3735, 95.4197, 93.9335 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 87.3735, 95.4197, 93.9335 by changing the saturation by 10% instead.


 87.3735, 95.4197,
93.9335

 87.3735, 95.4197,
93.9335


507.8156,
545.5077, 561.6419

 66.1334, 72.4843,
70.6557


142.5816,
154.8443, 154.7732

 48.6488, 53.5544,
51.5811


177.2803,
192.1023, 193.1722

 34.5544, 38.2455,
36.2914


217.1960,
234.9034, 237.4487

 23.4847, 26.1733,
24.3678

262.6939,
283.6319, 288.0212

 15.0745, 16.9533,
15.3920

314.1395,
338.6721, 345.3082

 8.9583, 10.2012,
8.9453

371.8981,

 4.7709, 5.5326,

400.4086, 409.7283

4.6092

436.3350,
469.2257, 481.7000

■ 2.1468, 2.5630,
1.9651

■ 0.7145, 0.9081,
0.5337

■ 87.3735, 95.4197,
93.9335

■ 87.3735, 95.4197,
93.9335

■ 78.7103, 91.3538,
75.5745

94.4172, 98.7343,
108.6891

■ 71.0028, 87.7201,
59.8674

■ 64.2181, 84.5071,
46.6913

■ 58.3183, 81.6981,
35.9135

■ 53.2626, 79.2752,
27.3891

■ 49.0067, 77.2192,
20.9575

■ 45.5012, 75.5085,
16.4372

■ 42.6903, 74.1189,
13.6153

■ 40.5067, 73.0217,
12.2266

Harmonies

Analogous

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



89.5851, 95.4197, 90.7595



87.3735, 95.4197, 93.9335



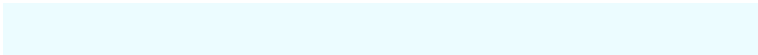
86.0655, 95.4197, 99.8440

Triad

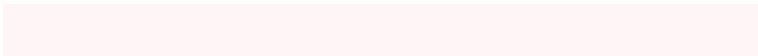
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3735, 95.4197, 93.9335



89.2675, 95.4197, 117.9743



95.5736, 95.4197, 100.7407

Complementary

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



87.3735, 95.4197, 93.9335



86.3753, 87.4370, 105.2581

Split Complementary

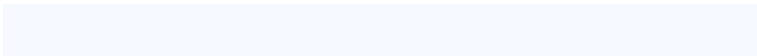
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4846, 95.4197, 108.0558



87.3735, 95.4197, 93.9335



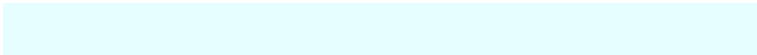
91.8112, 95.4197, 118.2423

Square

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



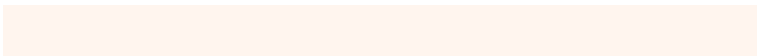
87.3735, 95.4197, 93.9335



87.1448, 95.4197, 113.8231



94.0967, 95.4197, 114.5388



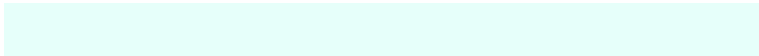
94.3374, 95.4197, 94.5633

Rectangle

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



87.3735, 95.4197, 93.9335



85.8664, 95.4197, 104.6523



94.0967, 95.4197, 114.5388



95.6983, 95.4197, 103.1431

Sweetspot

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



87.3761, 95.4238, 93.9356



93.0764, 99.0762, 104.5783



89.0179, 93.4410, 93.4663



19.9429, 21.2161, 22.4293



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.



87.3761, 95.4238, 93.9356



87.4006, 96.4161, 92.2983



85.6135, 94.4834, 95.2847



18.4149, 20.4998, 19.1306



21.3352, 38.7368, 6.3525



2.1936, 3.8316, 0.6240

Inverse Universe

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



86.3753, 87.4370, 105.2581



86.1261, 86.2462, 106.7156



88.2294, 88.4270, 103.7995



18.0941, 17.9403, 22.7591



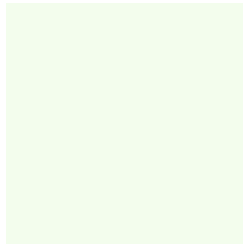
17.1155, 7.7339, 50.0253



1.7876, 0.8155, 4.8765

Previews

White Background



This preview shows how the XYZ color 87.3735, 95.4197, 93.9335 looks on a white background.

Color Contrast Check

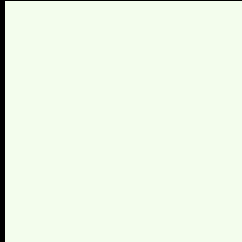
Large Text (above 18pt) WCAG AA × Fail

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 87.3735, 95.4197, 93.9335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

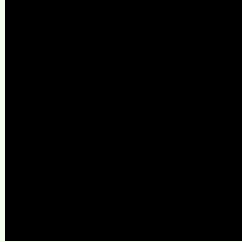
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

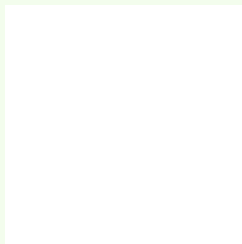
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.3735, 95.4197, 93.9335

Background



This preview shows how black text looks on a background with the XYZ color 87.3735, 95.4197, 93.9335.

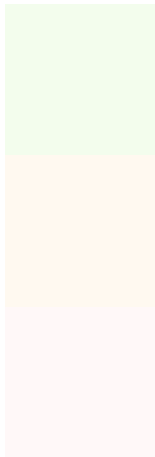


This preview shows how white text looks on a background with the XYZ color 87.3735, 95.4197,

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

87.3735, 95.4197, 93.9335

Protanopia

90.8439, 95.3026, 96.0453

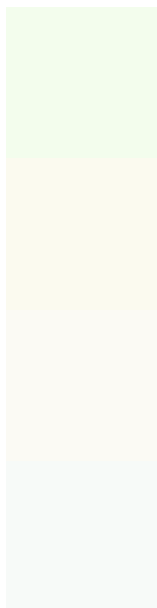
Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

87.3735, 95.4197, 93.9335

Protanomaly

89.5493, 95.1124, 95.3001

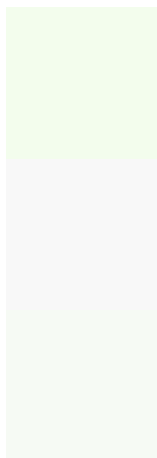
Deuteranomaly

90.2984, 95.4121, 99.2451

Tritanomaly

89.4867, 94.9227, 102.4124

Monochromacy



Original Color

87.3735, 95.4197, 93.9335

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5208, 94.4957, 99.1619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3735, 95.4197, 93.9335 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, 253, 237) looks like.

```
.text, #text, p{  
    color:rgb(243, 253, 237)  
}
```

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, 253, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 253, 237) }
```

Border

The CSS property to change the border of an element to XYZ 87.3735, 95.4197, 93.9335 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, 253, 237) }
```


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

```
.border{ border-color:rgb(243, 253, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 253, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 253, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 253, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 253,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3735, 95.4197, 93.9335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 253, 237) }
```

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

```
.background{ background-color: rgb(243,  
253, 237) }
```

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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