

Converting Colors

XYZ(83.3569, 89.4510, 97.9685)

Have a look what the booklet for
XYZ(83.3569, 89.4510, 97.9685)
contains.

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Color

**XYZ(83.4221, 89.6087,
97.6934)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ECF5F3 |
| RGB | 236, 245, 243 |
| RGB Percent | 93%, 96%, 95% |
| CMY | 0.0745, 0.0392, 0.0471 |
| CMYK | 0.04, 0.00, 0.01, 0.04 |
| HSL | 167°, 31%, 94% |
| HSV | 167°, 4%, 96% |
| XYZ | 83.4221, 89.6087, 97.6934 |
| YIQ | 242.0810, -4.7220, -2.5300 |

Conversions

Conversions Part 2

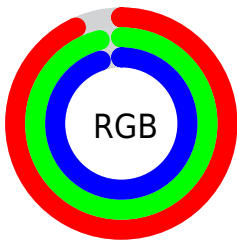
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 236, 241, 245 |
| Decimal | 15529459 |
| CIE Lab | 95.83, -3.32, -0.08 |
| CIE LCh | 96, 3.322, 181.417 |
| Yxy | 89.6087, 0.3081, 0.3310 |
| Android (android.graphics.Color) | 4293719539 (0xFFECEF5F3) |
| YUV | 242.0810, 0.4531, -5.3330 |
| Hunter-Lab | 94.6619, -8.3527, 5.0746 |

Details

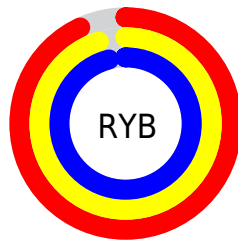
The XYZ color **83.4221, 89.6087, 97.6934** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0875, 85.5787, 93.0324**, and the grayscale version is **84.4636, 88.8622, 96.7710**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9896, 49.6863, 54.1802** is the 20% darker color. If you saturate the color by 10%, you get **75.0283, 85.3778, 93.0670**, and if you desaturate by 10%, it is **90.9080, 93.3738, 102.4087**.

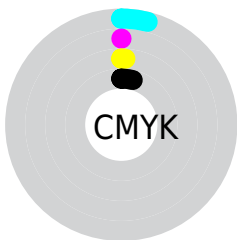
Distribution



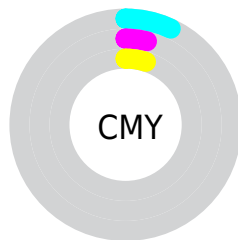
- Red (93%)
- Green (96%)
- Blue (95%)



- Red (93%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4221, 89.6087, 97.6934 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 83.4221, 89.6087, 97.6934 by changing the saturation by 10% instead.

83.4221, 89.6087,
97.6934

83.4221, 89.6087,
97.6934

494.9549,
526.7571, 573.9553

62.8565, 67.6561,
73.7695

137.0919,
146.7947, 160.0079

45.9834, 49.6180,
54.1098

170.9269,
182.7970, 199.2355

32.4373, 35.1100,
38.2956

209.9157,
224.2513, 244.4015

21.8529, 23.7476,
25.9086

254.4237,
271.5421, 295.9244

13.8648, 15.1465,
16.5301

304.8163,
325.0536, 354.2226

8.1078, 8.9223,
9.7417

361.4588,

4.2164, 4.6905,

385.1704, 419.7148

5.1246

424.7165,
452.2768, 492.8195

■ 1.8253, 2.0668,
2.2606

■ 0.5328, 0.6459,
0.7090

■ 83.4221, 89.6087,
97.6934

■ 83.4221, 89.6087,
97.6934

■ 75.0283, 85.3778,
93.0670

■ 90.9080, 93.3738,
102.4087

■ 67.7269, 81.7047,
88.6165

■ 91.7686, 93.7180,
106.9408

■ 61.4721, 78.5684,
84.3405

■ 91.9441, 93.7882,
107.8647

■ 56.2118, 75.9420,
80.2354

■ 51.8893, 73.7964,
76.2974

■ 48.4422, 72.0993,
72.5225

■ 45.8002, 70.8146,
68.9061

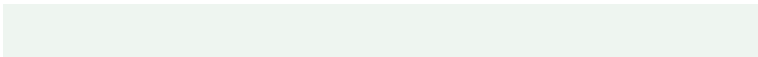
■ 43.8820, 69.9004,
65.4434

■ 42.5887, 69.3057,
62.1284

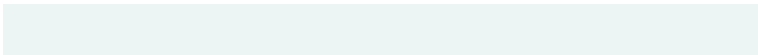
Harmonies

Analogous

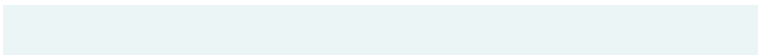
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6334, 89.6087, 95.1757



83.4221, 89.6087, 97.6934



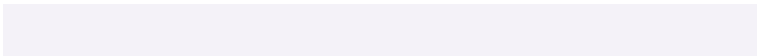
83.6764, 89.6087, 100.2211

Triad

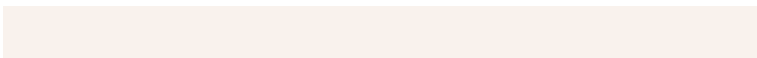
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4221, 89.6087, 97.6934



86.0916, 89.6087, 101.9360



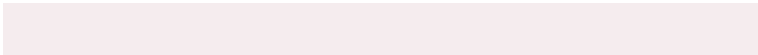
86.0156, 89.6087, 93.2068

Complementary

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



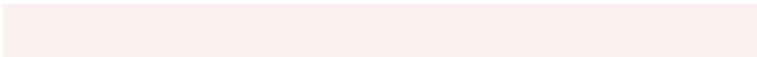
83.4221, 89.6087, 97.6934



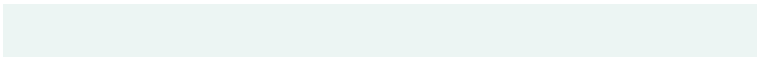
83.0875, 85.5787, 93.0324

Split Complementary

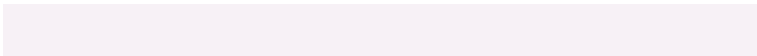
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6820, 89.6087, 94.9634



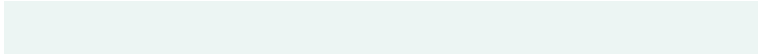
83.4221, 89.6087, 97.6934



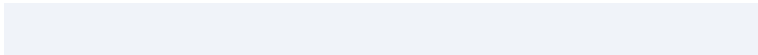
86.7261, 89.6087, 100.0014

Square

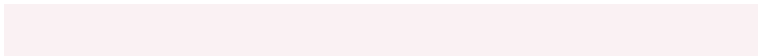
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4221, 89.6087, 97.6934



85.2139, 89.6087, 102.6976



86.9429, 89.6087, 97.4440



85.1268, 89.6087, 92.6134

Rectangle

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



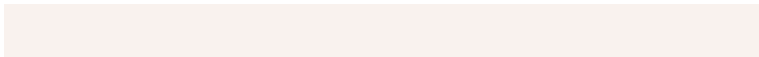
83.4221, 89.6087, 97.6934



84.0769, 89.6087, 101.5642



86.9429, 89.6087, 97.4440



86.2733, 89.6087, 93.6792

Sweetspot

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



83.4246, 89.6125, 97.6954



94.0268, 99.4831, 108.3759



83.0890, 89.5593, 92.2656



20.1364, 21.2989, 23.2024



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.



83.4246, 89.6125, 97.6954



91.0331, 97.9712, 106.8154



83.0073, 88.2908, 99.0576



17.7020, 19.1311, 20.8610



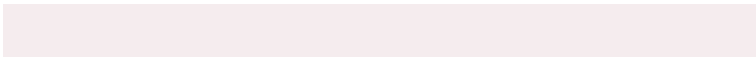
22.6799, 37.2168, 32.6636



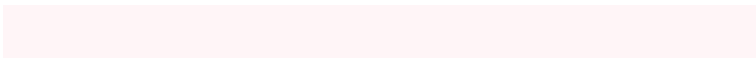
2.0313, 3.2862, 3.0705

Inverse Universe

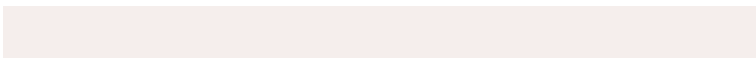
The Inverse Universe completely reimagines the original color for something new.



83.0875, 85.5787, 93.0324



90.6313, 93.1636, 101.2580



83.4906, 86.8535, 91.7221



17.6093, 18.0218, 19.5787



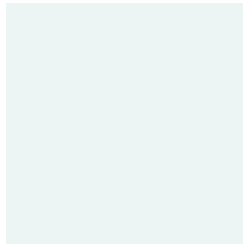
20.6939, 10.6210, 3.0967



1.8559, 0.9483, 0.4678

Previews

White Background



This preview shows how the XYZ color 83.4221, 89.6087, 97.6934 looks on a white background.

Color Contrast Check

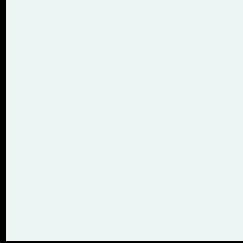
Large Text (above 18pt) WCAG AA × Fail

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 83.4221, 89.6087, 97.6934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

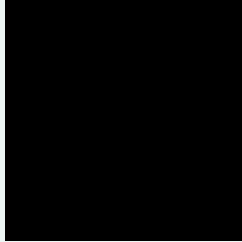
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

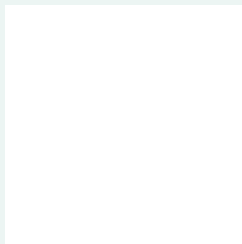
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4221, 89.6087, 97.6934

Background



This preview shows how black text looks on a background with the XYZ color 83.4221, 89.6087, 97.6934.



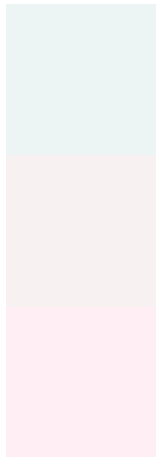
This preview shows how white text looks on a background with the XYZ color 83.4221, 89.6087,

97.6934.

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

83.4221, 89.6087, 97.6934

Protanopia

85.9871, 89.6293, 95.9873

Deuteranopia

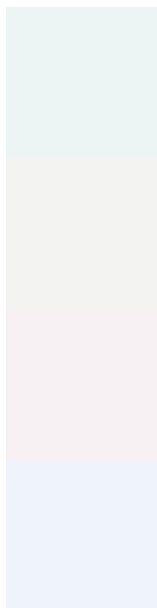
88.4356, 89.5247, 98.2069



Tritanopia

85.7373, 89.2495, 107.3158

Trichromacy



Original Color

83.4221, 89.6087, 97.6934

Protanomaly

85.0398, 89.5667, 96.8104

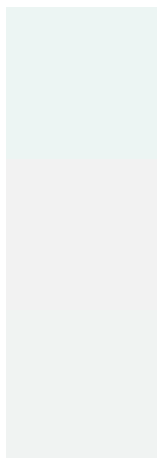
Deuteranomaly

86.4958, 89.3987, 98.2848

Tritanomaly

85.0598, 89.4169, 104.0429

Monochromacy



Original Color

83.4221, 89.6087, 97.6934

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.0128, 89.0373, 96.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4221, 89.6087, 97.6934 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(236, 245, 243) looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 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(236, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 243) }
```

Border

The CSS property to change the border of an element to XYZ 83.4221, 89.6087, 97.6934 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(236, 245, 243) }
```


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

```
.border{ border-color:rgb(236, 245, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 245, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 245, 243); box-shadow:4px 4px 4px 4px rgb(236, 245, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4221, 89.6087, 97.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 243) }
```

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

```
.background{ background-color: rgb(236,  
245, 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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