

Converting Colors

XYZ(84.8072, 89.8718,
101.1233)

Have a look what the booklet for
XYZ(84.8072, 89.8718, 101.1233)
contains.

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Color

**XYZ(84.7358, 89.7675,
100.8565)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF4F7
RGB	239, 244, 247
RGB Percent	94%, 96%, 97%
CMY	0.0627, 0.0431, 0.0314
CMYK	0.03, 0.01, 0.00, 0.03
HSL	202°, 33%, 95%
HSV	202°, 3%, 97%
XYZ	84.7358, 89.7675, 100.8565
YIQ	242.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

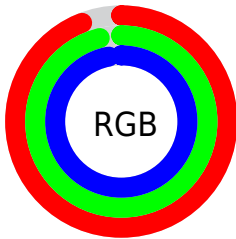
Format	Color
R _{YB}	239, 242, 247
Decimal	15725815
CIE _{Lab}	95.90, -1.11, -2.03
CIE _{LCh}	96, 2.310, 241.398
Y _{xy}	89.7675, 0.3077, 0.3260
Android (android.graphics.Color)	4293915895 (0xFFEFF4F7)
Y _{UV}	242.8470, 2.0474, -3.3738
Hunter-Lab	94.7457, -6.1636, 3.2080

Details

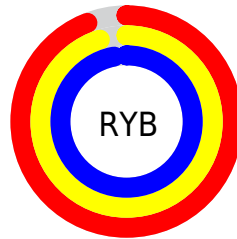
The XYZ color **84.7358, 89.7675, 100.8565** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6901, 89.5095, 94.4234**, and the grayscale version is **85.0585, 89.4881, 97.4526**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9156, 49.7953, 56.4290** is the 20% darker color. If you saturate the color by 10%, you get **74.2468, 80.3337, 99.5898**, and if you desaturate by 10%, it is **93.2349, 98.3878, 102.0738**.

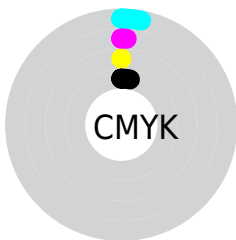
Distribution



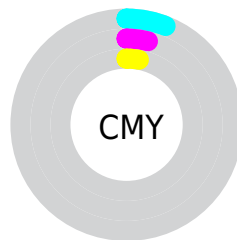
- Red (94%)
- Green (96%)
- Blue (97%)



- Red (94%)
- Yellow (95%)
- Blue (97%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7358, 89.7675, 100.8565 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 84.7358, 89.7675, 100.8565 by changing the saturation by 10% instead.

84.7358, 89.7675,
100.8565

84.7358, 89.7675,
100.8565

499.2503,
527.2742, 584.2053

63.9449, 67.7878,
76.3952

138.9199,
147.0154, 164.3958

46.8675, 49.7251,
56.2480

173.0438,
183.0524, 204.3109

33.1385, 35.1951,
39.9965

212.3427,
224.5440, 250.2143

22.3923, 23.8132,
27.2220

257.1821,
271.8745, 302.5246

14.2636, 15.1951,
17.5061

307.9271,
325.4284, 361.6603

8.3872, 8.9564,
10.4302

364.9433,

4.3976, 4.7128,

385.5901, 428.0400

5.5758

428.5959,
452.7439, 502.0821

■ 1.9294, 2.0797,
2.5243

■ 0.5938, 0.6532,
0.8530

■ 84.7358, 89.7675,
100.8565

■ 84.7358, 89.7675,
100.8565

■ 74.2468, 80.3337,
99.5898

■ 93.2349, 98.3878,
102.0738

■ 64.9865, 71.7353,
98.4182

■ 93.7888, 99.4955,
102.2584

■ 56.9065, 63.9466,
97.3407

■ 49.9518, 56.9362,
96.3541

■ 44.0630, 50.6702,
95.4550

■ 39.1745, 45.1116,
94.6397

■ 35.2132, 40.2191,
93.9042

■ 32.0946, 35.9458,
93.2437

■ 29.7163, 32.2353,
92.6529

Harmonies

Analogous

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



84.2792, 89.7675, 99.5821



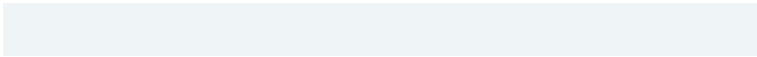
84.7358, 89.7675, 100.8565



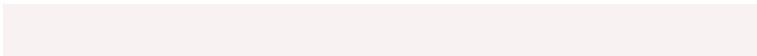
85.3512, 89.7675, 101.2936

Triad

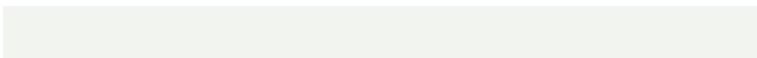
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7358, 89.7675, 100.8565



86.5527, 89.7675, 97.6559



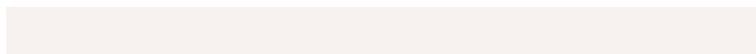
84.6842, 89.7675, 94.7753

Complementary

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



84.7358, 89.7675, 100.8565



85.6901, 89.5095, 94.4234

Split Complementary

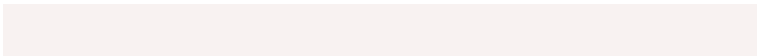
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2914, 89.7675, 94.2736



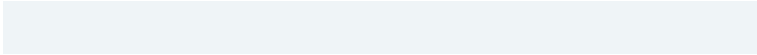
84.7358, 89.7675, 100.8565



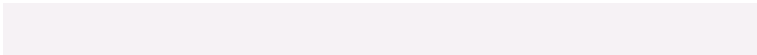
86.3720, 89.7675, 95.9238

Square

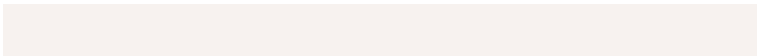
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



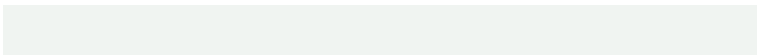
84.7358, 89.7675, 100.8565



86.4021, 89.7675, 99.4319



85.9095, 89.7675, 94.6914



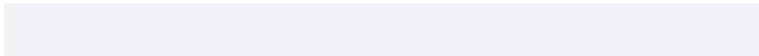
84.2495, 89.7675, 96.0704

Rectangle

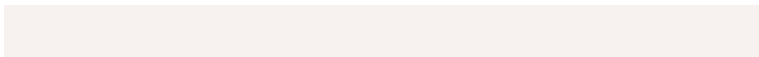
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7358, 89.7675, 100.8565



85.7694, 89.7675, 101.0470



85.9095, 89.7675, 94.6914



84.8748, 89.7675, 94.5090

Sweetspot

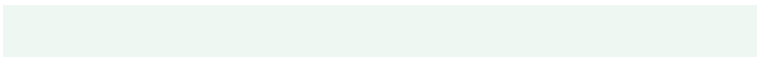
The Sweet Spot groups the original color and five complimentary colors.



84.7384, 89.7713, 100.8585



93.8142, 98.9118, 108.7551



84.8757, 91.2805, 97.0988



20.0931, 21.1827, 23.2796



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.



84.7384, 89.7713, 100.8585



90.1899, 95.7034, 108.3268



83.5662, 87.4270, 100.4677



17.5069, 18.6062, 21.2112



15.1746, 16.1431, 48.8542



1.4322, 1.6158, 4.3266

Inverse Universe

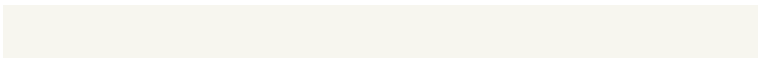
The Inverse Universe completely reimagines the original color for something new.



85.5554, 88.0405, 98.0767



91.2729, 93.4203, 104.6370



86.8746, 91.8786, 94.8183



17.7572, 18.0810, 20.3578



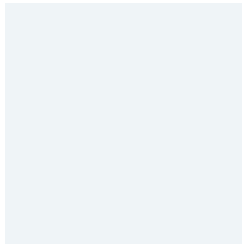
23.4640, 11.7290, 17.6835



2.1120, 1.0508, 1.8160

Previews

White Background



This preview shows how the XYZ color 84.7358, 89.7675, 100.8565 looks on a white background.

Color Contrast Check

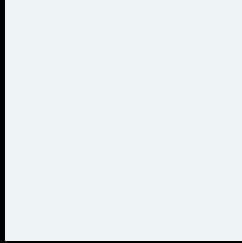
Large Text (above 18pt) WCAG AA × Fail

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 84.7358, 89.7675, 100.8565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

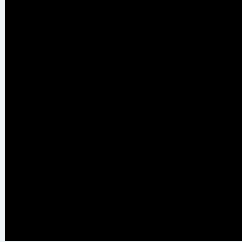
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

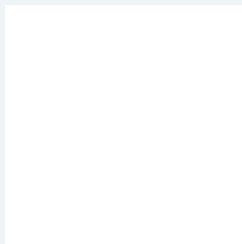
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7358, 89.7675, 100.8565

Background



This preview shows how black text looks on a background with the XYZ color 84.7358, 89.7675, 100.8565.



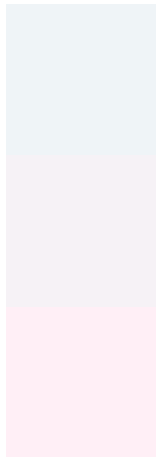
This preview shows how white text looks on a background with the XYZ color 84.7358, 89.7675,

100.8565.

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

84.7358, 89.7675, 100.8565

Protanopia

86.3927, 89.7509, 99.9591

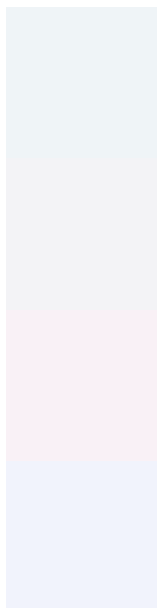
Deuteranopia

88.7411, 89.6468, 99.8152

Tritanopia

86.4201, 89.6015, 107.3477

Trichromacy



Original Color

84.7358, 89.7675, 100.8565

Protanomaly

85.6473, 89.8097, 100.0097

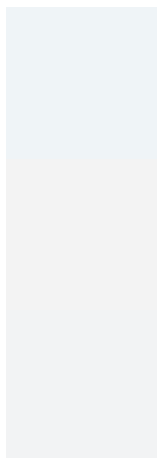
Deuteranomaly

87.1568, 89.7042, 99.9098

Tritanomaly

85.8969, 89.8302, 104.9072

Monochromacy



Original Color

84.7358, 89.7675, 100.8565

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9977, 89.5101, 98.3853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7358, 89.7675, 100.8565 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, 244, 247) looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 247)  
}
```

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, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 247) }
```

Border

The CSS property to change the border of an element to XYZ 84.7358, 89.7675, 100.8565 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, 244, 247) }
```


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

```
.border{ border-color:rgb(239, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7358, 89.7675, 100.8565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 247) }
```

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

```
.background{ background-color: rgb(239,  
244, 247) }
```

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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