

Converting Colors

XYZ(83.8980, 93.0370, 95.9286)

Have a look what the booklet for
XYZ(83.8980, 93.0370, 95.9286)
contains.

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Color

**XYZ(83.8173, 93.0679,
95.9843)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FCF0
RGB	232, 252, 240
RGB Percent	91%, 99%, 94%
CMY	0.0902, 0.0117, 0.0588
CMYK	0.08, 0.00, 0.05, 0.01
HSL	144°, 77%, 95%
HSV	144°, 8%, 99%
XYZ	83.8173, 93.0679, 95.9843
YIQ	244.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

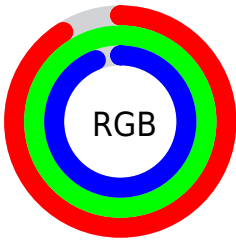
Format	Color
R_{YB}	232, 246, 252
Decimal	15269104
CIE _{Lab}	97.26, -8.69, 3.50
CIE _{LCh}	97, 9.369, 158.069
Yxy	93.0679, 0.3072, 0.3411
Android (android.graphics.Color)	4293459184 (0xFFE8FCF0)
YUV	244.6520, -2.2934, -11.0958
Hunter-Lab	96.4717, -13.7397, 8.5397

Details

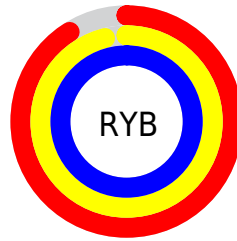
The XYZ color **83.8173, 93.0679, 95.9843** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3340, 84.9427, 97.4904**, and the grayscale version is **86.5362, 91.0428, 99.1456**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0713, 51.7210, 52.9023** is the 20% darker color. If you saturate the color by 10%, you get **74.0630, 88.2908, 84.2863**, and if you desaturate by 10%, it is **94.1022, 98.1044, 108.5841**.

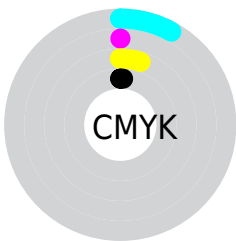
Distribution



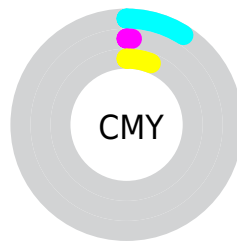
- Red (91%)
- Green (99%)
- Blue (94%)



- Red (91%)
- Yellow (96%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)




- Cyan (9%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8173, 93.0679, 95.9843 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 83.8173, 93.0679, 95.9843 by changing the saturation by 10% instead.


 83.8173, 93.0679,
95.9843

 83.8173, 93.0679,
95.9843


496.2492,
537.9609, 568.3760

 63.1838, 70.5279,
72.3531


137.6422,
151.5926, 157.6310

 46.2491, 51.9571,
52.9585


171.5642,
188.3462, 196.4836

 32.6479, 36.9708,
37.3822


210.6466,
230.6064, 241.2470

 22.0148, 25.1849,
25.2054

255.2545,
278.7576, 292.3398

 13.9844, 16.2149,
16.0098

305.7533,
333.1843, 350.1806

 8.1915, 9.6763,
9.3766

362.5085,

 4.2705, 5.1849,

394.2708, 415.1879

4.8875

425.8853,
462.4015, 487.7801

■ 1.8563, 2.3561,
2.1238

■ 0.5512, 0.8032,
0.6299

■ 83.8173, 93.0679,
95.9843

■ 83.8173, 93.0679,
95.9843

■ 74.0630, 88.2908,
84.2863

■ 94.1022, 98.1044,
108.5841

■ 65.6120, 84.1620,
73.6011

■ 58.4091, 80.6559,
63.9033

■ 52.3918, 77.7411,
55.1644

■ 47.4921, 75.3830,
47.3543

■ 43.6345, 73.5433,
40.4416

■ 40.7339, 72.1789,
34.3926

■ 38.6905, 71.2389,
29.1714

■ 37.3709, 70.6554,
24.7386

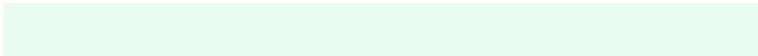
Harmonies

Analogous

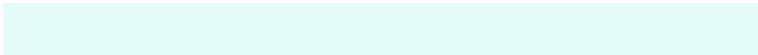
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3548, 93.0679, 90.2800



83.8173, 93.0679, 95.9843



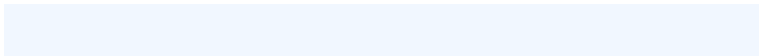
83.5108, 93.0679, 103.3963

Triad

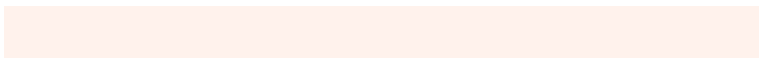
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8173, 93.0679, 95.9843



89.1751, 93.0679, 116.4740



92.5288, 93.0679, 92.6045

Complementary

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



83.8173, 93.0679, 95.9843



85.3340, 84.9427, 97.4904

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.



93.5974, 93.0679, 99.3015



83.8173, 93.0679, 95.9843



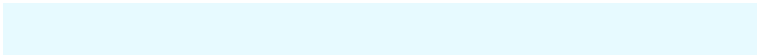
91.6360, 93.0679, 113.2577

Square

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



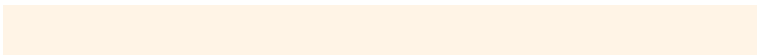
83.8173, 93.0679, 95.9843



86.5696, 93.0679, 115.4771



93.2674, 93.0679, 106.8812



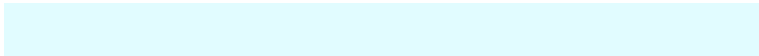
90.3742, 93.0679, 88.3976

Rectangle

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



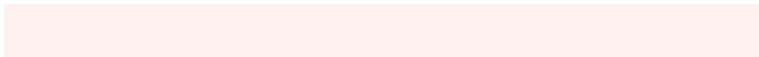
83.8173, 93.0679, 95.9843



84.0398, 93.0679, 108.3546



93.2674, 93.0679, 106.8812



93.0289, 93.0679, 94.6255

Sweetspot

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



83.8199, 93.0719, 95.9863



92.7096, 98.8500, 106.2389



86.8034, 94.7442, 90.0577



19.8682, 21.1700, 22.7675



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.



83.8199, 93.0719, 95.9863



83.9162, 94.5337, 96.0271



85.2954, 93.6620, 103.7560



17.3050, 19.4243, 19.8065



19.4191, 36.7807, 12.8163



1.8493, 3.4268, 1.4543

Inverse Universe

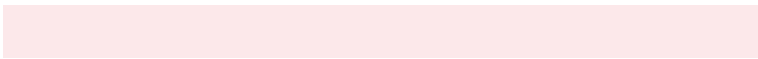
The Inverse Universe completely reimagines the original color for something new.



85.3340, 84.9427, 97.4904



85.8491, 84.1562, 97.9468



83.9036, 84.3705, 89.9578



17.6820, 17.4001, 20.1810



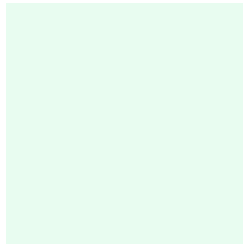
23.9058, 11.9780, 16.7441



2.2664, 1.1303, 1.8264

Previews

White Background



This preview shows how the XYZ color 83.8173, 93.0679, 95.9843 looks on a white background.

Color Contrast Check

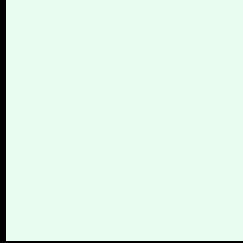
Large Text (above 18pt) WCAG AA × Fail

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 83.8173, 93.0679, 95.9843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

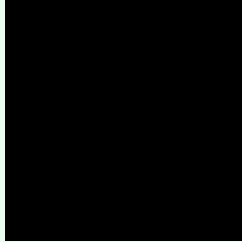
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

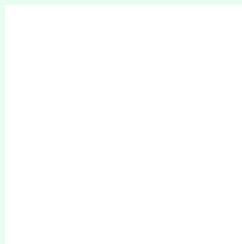
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8173, 93.0679, 95.9843

Background



This preview shows how black text looks on a background with the XYZ color 83.8173, 93.0679, 95.9843.



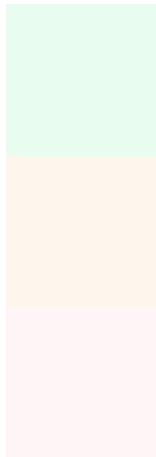
This preview shows how white text looks on a background with the XYZ color 83.8173, 93.0679,

95.9843.

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

83.8173, 93.0679, 95.9843

Protanopia

89.1149, 93.0968, 93.3934

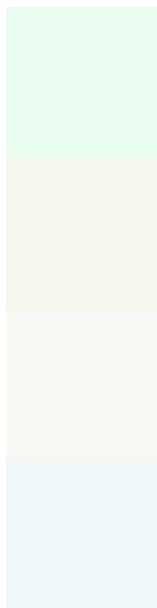
Deuteranopia

90.2252, 92.6152, 100.3099

Tritanopia

88.2729, 92.7962, 107.8667

Trichromacy



Original Color

83.8173, 93.0679, 95.9843

Protanomaly

87.0061, 92.9007, 94.2348

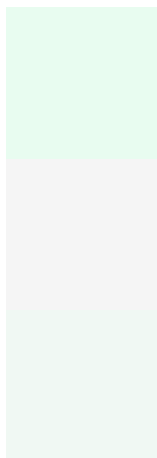
Deuteranomaly

87.9477, 92.8273, 98.8701

Tritanomaly

86.7276, 93.0042, 103.8231

Monochromacy



Original Color

83.8173, 93.0679, 95.9843

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.6802, 92.1311, 98.0613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8173, 93.0679, 95.9843 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(232, 252, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 252, 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(232, 252, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 252, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.8173, 93.0679, 95.9843 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(232, 252, 240) }
```


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

```
.border{ border-color:rgb(232, 252, 240) }
```

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

Here you see how a box with a 4 pixel rgb(232, 252, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 252, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 252, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 252,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8173, 93.0679, 95.9843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 252, 240) }
```

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

```
.background{ background-color: rgb(232,  
252, 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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