

Converting Colors

XYZ(83.0120, 91.8596, 89.6994)

Have a look what the booklet for
XYZ(83.0120, 91.8596, 89.6994)
contains.

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Color

**XYZ(83.0120, 91.8596,
89.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFAE8
RGB	235, 250, 232
RGB Percent	92%, 98%, 91%
CMY	0.0784, 0.0196, 0.0902
CMYK	0.06, 0.00, 0.07, 0.02
HSL	110°, 64%, 95%
HSV	110°, 7%, 98%
XYZ	83.0120, 91.8596, 89.6994
YIQ	243.4630, -3.1620, -8.7780

Conversions

Conversions Part 2

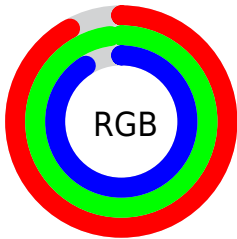
Format	Color
R _Y B	232, 250, 247
Decimal	15465192
CIE Lab	96.76, -8.11, 6.93
CIE LCh	97, 10.668, 139.481
Yxy	91.8596, 0.3138, 0.3472
Android (android.graphics.Color)	4293655272 (0xFFEBFAE8)
YUV	243.4630, -5.6513, -7.4221
Hunter-Lab	95.8434, -13.1234, 11.6012

Details

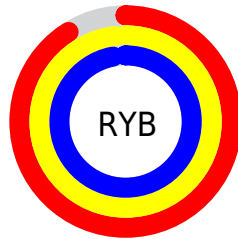
The XYZ color **83.0120, 91.8596, 89.6994** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4734, 84.3921, 102.2844**, and the grayscale version is **85.6079, 90.0661, 98.0820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7187, 51.3019, 48.5669** is the 20% darker color. If you saturate the color by 10%, you get **73.2300, 87.2010, 72.0041**, and if you desaturate by 10%, it is **93.4774, 96.8549, 108.3758**.

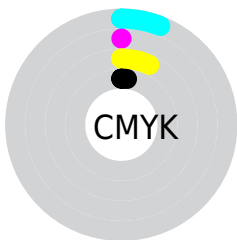
Distribution



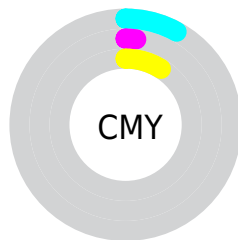
- Red (92%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0120, 91.8596, 89.6994 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 83.0120, 91.8596, 89.6994 by changing the saturation by 10% instead.

83.0120, 91.8596,
89.6994

83.0120, 91.8596,
89.6994

493.6098,
534.0617, 547.5974

62.5170, 69.5240,
67.1590

136.5207,
149.9188, 148.8526

45.7078, 51.1386,
48.7515

170.2651,
186.4112, 186.3026

32.2189, 36.3189,
34.0582

209.1567,
228.3913, 229.5595

21.6851, 24.6806,
22.6606

253.5608,
276.2436, 279.0420

13.7410, 15.8393,
14.1401

303.8429,
330.3523, 335.1684

8.0213, 9.4105,
8.0783

360.3681,

4.1605, 5.0099,

391.1020, 398.3574

4.0566

423.5020,
458.8770, 469.0276

■ 1.7933, 2.2531,
1.6565

■ 0.5136, 0.7487,
0.3306

■ 83.0120, 91.8596,
89.6994

■ 83.0120, 91.8596,
89.6994

■ 73.2300, 87.2010,
72.0041

■ 93.4774, 96.8549,
108.3758

■ 64.7076, 83.1332,
56.8922

■ 57.3952, 79.6359,
44.2445

■ 51.2374, 76.6833,
33.9305

■ 46.1740, 74.2476,
25.8072

■ 42.1392, 72.2982,
19.7163

■ 39.0603, 70.8016,
15.4780

■ 36.8541, 69.7195,
12.8811

■ 35.4204, 69.0060,
11.6536

Harmonies

Analogous

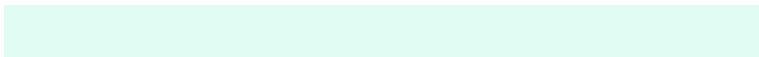
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4065, 91.8596, 85.2867



83.0120, 91.8596, 89.6994



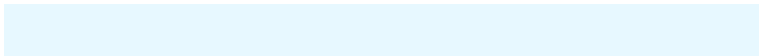
81.7786, 91.8596, 97.0438

Triad

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



83.0120, 91.8596, 89.6994



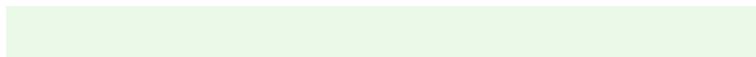
86.2645, 91.8596, 117.0963



92.8425, 91.8596, 94.6284

Complementary

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



83.0120, 91.8596, 89.6994



84.4734, 84.3921, 102.2844

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.



93.0850, 91.8596, 103.0554



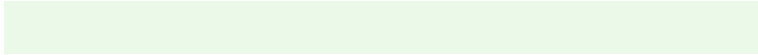
83.0120, 91.8596, 89.6994



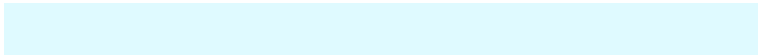
89.2411, 91.8596, 116.3582

Square

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



83.0120, 91.8596, 89.6994



83.6278, 91.8596, 113.0651



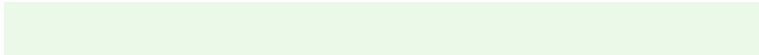
91.7534, 91.8596, 111.1023



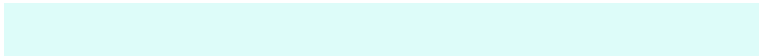
91.0984, 91.8596, 88.0181

Rectangle

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



83.0120, 91.8596, 89.6994



81.7613, 91.8596, 102.7562



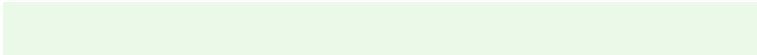
91.7534, 91.8596, 111.1023



93.1038, 91.8596, 97.3318

Sweetspot

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



83.0145, 91.8635, 89.7014



92.6932, 98.8786, 104.5603



87.2545, 92.6761, 89.6348



19.8649, 21.1759, 22.4257



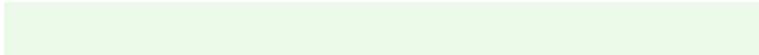
0.0000, 0.0000, 0.0000



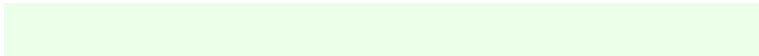
20.3446, 21.4041, 23.3091

Same Dimension

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



83.0145, 91.8635, 89.7014



84.8826, 95.1602, 90.2751



82.8998, 91.7042, 94.2228



17.2868, 19.4481, 18.3051



18.7114, 36.5644, 6.0714



1.8071, 3.4247, 0.5658

Inverse Universe

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



84.4734, 84.3921, 102.2844



86.7680, 85.5034, 106.5384



84.6134, 84.5713, 97.4558



17.6925, 17.3697, 21.8055



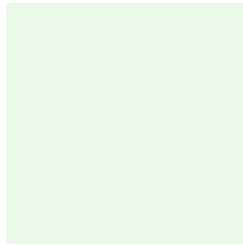
23.1088, 10.8557, 48.8509



2.2132, 1.0430, 4.5278

Previews

White Background



This preview shows how the XYZ color 83.0120, 91.8596, 89.6994 looks on a white background.

Color Contrast Check

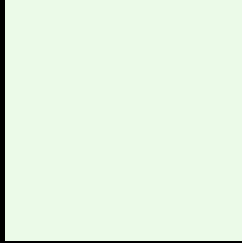
Large Text (above 18pt) WCAG AA × Fail

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 83.0120, 91.8596, 89.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

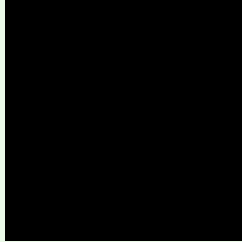
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

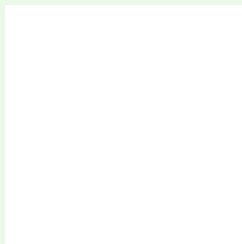
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0120, 91.8596, 89.6994

Background



This preview shows how black text looks on a background with the XYZ color 83.0120, 91.8596, 89.6994.



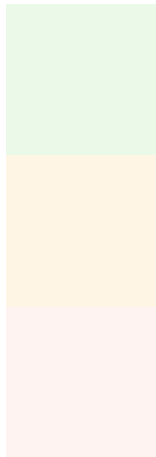
This preview shows how white text looks on a background with the XYZ color 83.0120, 91.8596,

89.6994.

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

83.0120, 91.8596, 89.6994

Protanopia

87.6683, 92.0328, 87.2722

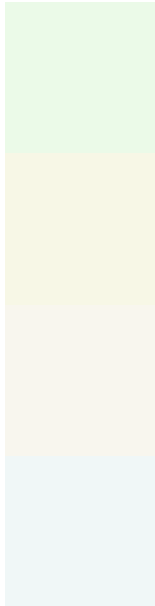
Deuteranopia

89.3176, 91.7720, 97.0106

Tritanopia

87.6646, 91.5795, 107.6639

Trichromacy



Original Color

83.0120, 91.8596, 89.6994

Protanomaly

85.9015, 92.0089, 88.0949

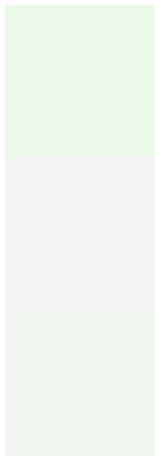
Deuteranomaly

87.0998, 92.0410, 94.0640

Tritanomaly

85.9844, 91.7622, 101.1757

Monochromacy



Original Color

83.0120, 91.8596, 89.6994

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.4709, 90.6688, 94.7101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0120, 91.8596, 89.6994 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(235, 250, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 232)  
}
```

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(235, 250, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 232) }
```

Border

The CSS property to change the border of an element to XYZ 83.0120, 91.8596, 89.6994 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(235, 250, 232) }
```


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

```
.border{ border-color:rgb(235, 250, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0120, 91.8596, 89.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 232) }
```

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

```
.background{ background-color: rgb(235,  
250, 232) }
```

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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