

Converting Colors

XYZ(92.4928, 103.1186,
85.9517)

Have a look what the booklet for
XYZ(92.4928, 103.1186, 85.9517)
contains.

XYZ(89.8586, 97.8389, 85.3829)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(89.8586, 97.8389,
85.3829)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFFE1
RGB	253, 255, 225
RGB Percent	99%, 100%, 88%
CMY	0.0078, 0.0000, 0.1176
CMYK	0.01, 0.00, 0.12, 0.00
HSL	64°, 100%, 94%
HSV	64°, 12%, 100%
XYZ	89.8586, 97.8389, 85.3829
YIQ	250.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

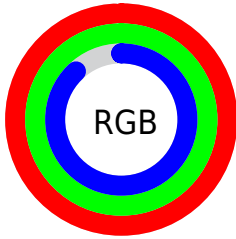
Format	Color
R_{YB}	225, 255, 227
Decimal	16646113
CIE _{Lab}	99.16, -5.64, 14.12
CIE _{LCh}	99, 15.203, 111.779
Yxy	97.8389, 0.3291, 0.3583
Android (android.graphics.Color)	4294836193 (0xFFFFDFFE1)
YUV	250.9820, -12.8091, 1.7698
Hunter-Lab	98.9135, -10.9393, 18.0599

Details

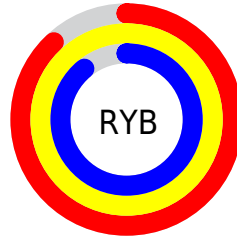
The XYZ color 89.8586, 97.8389, 85.3829 is a light color, and the websafe version is hex FFFFC. A complement of this color would be 76.6546, 77.4026, 105.5078, and the grayscale version is 91.7769, 96.5565, 105.1500.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2147, 55.0262, 46.0047 is the 20% darker color. If you saturate the color by 10%, you get 86.0196, 96.2322, 68.3799, and if you desaturate by 10%, it is 94.2240, 99.6569, 105.1253.

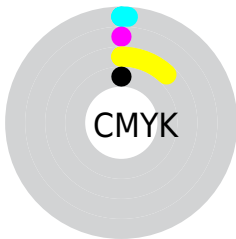
Distribution



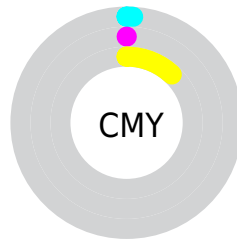
- Red (99%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.8586, 97.8389, 85.3829 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 89.8586, 97.8389, 85.3829 by changing the saturation by 10% instead.


 89.8586, 97.8389,
85.3829

 89.8586, 97.8389,
85.3829


515.8155,
553.2140, 533.0718

 68.1993, 74.5000,
63.6058


146.0213,
158.1809, 142.7869

 50.3341, 55.2034,
45.8874


181.2554,
195.9528, 179.2510

 35.8978, 39.5646,
31.8089


221.7451,
239.3045, 221.4478

 24.5251, 27.1992,
20.9520

267.8558,
288.6205, 269.7959

 15.8504, 17.7229,
12.8980

319.9528,
344.2850, 324.7138

 9.5085, 10.7512,
7.2284

378.4016,

 5.1341, 5.8998,

406.6825, 386.6200

3.5248

443.5673,
476.1974, 455.9332

■ 2.3617, 2.7843,
1.3684

■ 0.8260, 1.0202,
0.1169

■ 89.8586, 97.8389,
85.3829

■ 89.8586, 97.8389,
85.3829

■ 86.0196, 96.2322,
68.3799

■ 94.2240, 99.6569,
105.1253

■ 82.6822, 94.8267,
53.9910

■ 95.0500, 100.0000,
108.9000

■ 79.8222, 93.6128,
42.0877

■ 77.4128, 92.5798,
32.5291

■ 75.4247, 91.7159,
25.1600

■ 73.8247, 91.0080,
19.8065

■ 72.5749, 90.4407,
16.2686

■ 71.6294, 89.9957,
14.3052

■ 71.0223, 89.6984,
13.5702

Harmonies

Analogous

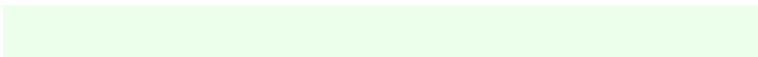
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2202, 97.8389, 84.0993



89.8586, 97.8389, 85.3829



86.4403, 97.8389, 92.0955

Triad

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



89.8586, 97.8389, 85.3829



87.8059, 97.8389, 126.9348



101.7087, 97.8389, 110.0678

Complementary

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



89.8586, 97.8389, 85.3829



76.6546, 77.4026, 105.5078

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.



99.8686, 97.8389, 122.3989



89.8586, 97.8389, 85.3829



91.7764, 97.8389, 132.6315

Square

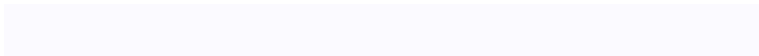
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



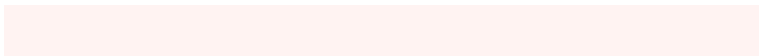
89.8586, 97.8389, 85.3829



85.2817, 97.8389, 115.8696



96.1993, 97.8389, 130.9086



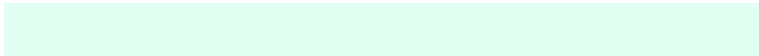
101.1555, 97.8389, 97.7061

Rectangle

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



89.8586, 97.8389, 85.3829



85.1106, 97.8389, 99.0597



96.1993, 97.8389, 130.9086



101.3475, 97.8389, 114.3665

Sweetspot

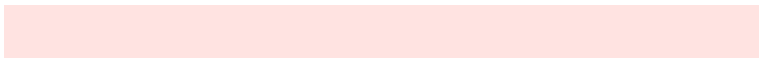
The Sweet Spot groups the original color and five complimentary colors.



89.8592, 97.8392, 85.3843



93.2013, 99.2317, 100.4676



82.1639, 81.3624, 82.6096



19.8766, 21.2096, 21.1756



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.



89.8592, 97.8392, 85.3843



88.9559, 97.4619, 81.3486



84.7793, 95.2204, 85.1466



19.4347, 21.0255, 19.1783



37.1616, 46.8956, 7.0931



3.6528, 4.5839, 0.6923

Inverse Universe

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



76.6546, 77.4026, 105.5078



73.4858, 73.5187, 104.9251



81.4226, 79.8605, 105.7309



17.1151, 17.4355, 22.7133



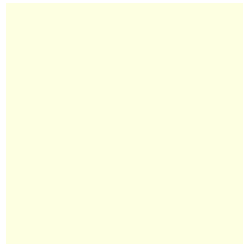
9.5938, 3.8562, 49.6733



0.9715, 0.3947, 4.8383

Previews

White Background



This preview shows how the XYZ color 89.8586, 97.8389, 85.3829 looks on a white background.

Color Contrast Check

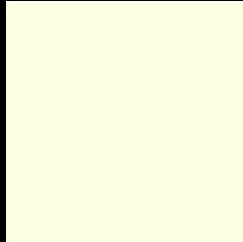
Large Text (above 18pt) WCAG AA × Fail

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 89.8586, 97.8389, 85.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

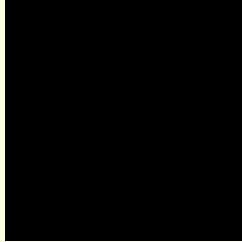
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.8586, 97.8389, 85.3829

Background



This preview shows how black text looks on a background with the XYZ color 89.8586, 97.8389, 85.3829.



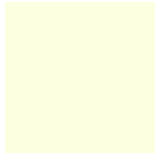
This preview shows how white text looks on a background with the XYZ color 89.8586, 97.8389,

85.3829.

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

89.8586, 97.8389, 85.3829



Protanopia

92.8389, 97.5962, 101.9405

Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

93.7335, 97.9116, 108.5663

Trichromacy



Original Color

89.8586, 97.8389, 85.3829

Protanomaly

91.5783, 97.5534, 95.6643

Deuteranomaly

92.0253, 97.7322, 98.0183

Tritanomaly

92.3275, 97.8530, 99.6093

Monochromacy



Original Color

89.8586, 97.8389, 85.3829



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

90.9823, 96.7271, 97.8793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.8586, 97.8389, 85.3829 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(253, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 225)  
}
```

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(253, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 225) }
```

Border

The CSS property to change the border of an element to XYZ 89.8586, 97.8389, 85.3829 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(253, 255, 225) }
```


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

```
.border{ border-color:rgb(253, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 89.8586, 97.8389, 85.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 225) }
```

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

```
.background{ background-color: rgb(253,  
255, 225) }
```

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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