

Converting Colors

XYZ(85.0850, 88.9507, 79.9814)

Have a look what the booklet for
XYZ(85.0850, 88.9507, 79.9814)
contains.

XYZ(85.1145, 89.0959, 79.7290)	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(85.1145, 89.0959,
79.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF1DB
RGB	254, 241, 219
RGB Percent	100%, 95%, 86%
CMY	0.0039, 0.0549, 0.1412
CMYK	0.00, 0.05, 0.14, 0.00
HSL	38°, 95%, 93%
HSV	38°, 14%, 100%
XYZ	85.1145, 89.0959, 79.7290
YIQ	242.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

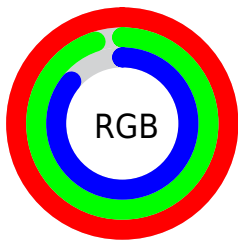
Format	Color
RYB	240, 254, 219
Decimal	16708059
CIELab	95.62, 0.82, 12.18
CIELCh	96, 12.210, 86.169
Yxy	89.0959, 0.3352, 0.3509
Android (android.graphics.Color)	4294898139 (0xFFFEF1DB)
YUV	242.3790, -11.5258, 10.1916
Hunter-Lab	94.3906, -4.2255, 15.9929

Details

The XYZ color **85.1145, 89.0959, 79.7290** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9591, 79.9273, 105.1907**, and the grayscale version is **84.7806, 89.1958, 97.1342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0758, 49.2486, 42.1467** is the 20% darker color. If you saturate the color by 10%, you get **79.3036, 82.4227, 62.5341**, and if you desaturate by 10%, it is **91.5851, 96.2701, 99.6631**.

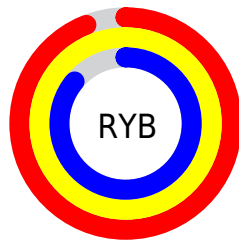
Distribution



Red (100%)

Green (95%)

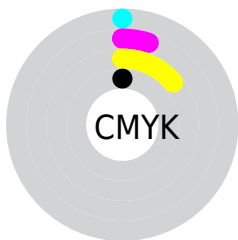
Blue (86%)



Red (94%)

Yellow (100%)

Blue (86%)

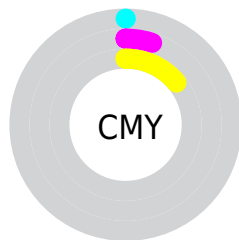


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1145, 89.0959, 79.7290 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 85.1145, 89.0959, 79.7290 by changing the saturation by 10% instead.

 85.1145, 89.0959,
79.7290

 85.1145, 89.0959,
79.7290


500.4848,
525.0854, 513.7017

 64.2588, 67.2310,
58.9705


139.4463,
146.0819, 134.7926

 47.1228, 49.2724,
42.1695


173.6532,
181.9719, 169.9348

 33.3411, 34.8356,
28.9075


213.0412,
223.3056, 210.7087

 22.5484, 23.5363,
18.7659

257.9756,
270.4676, 257.5327

 14.3792, 14.9900,
11.3261

308.8218,
323.8422, 310.8255

 8.4684, 8.8124,
6.1697

365.9452,

 4.4504, 4.6190,

383.8137, 371.0056

2.8781

429.7111,
450.7667, 438.4915

■ 1.9600, 2.0255,
1.0327

■ 0.6113, 0.6222,
0.0000

■ 85.1145, 89.0959,
79.7290

■ 85.1145, 89.0959,
79.7290

■ 79.3036, 82.4227,
62.5341

■ 91.5851, 96.2701,
99.6631

■ 74.1198, 76.2252,
47.9507

94.6834, 99.8110,
108.8828

■ 69.5387, 70.4930,
35.8493

■ 65.5309, 65.2108,
26.0867

■ 62.0643, 60.3619,
18.5054

■ 59.1029, 55.9282,
12.9278

■ 56.6055, 51.8892,
9.1485

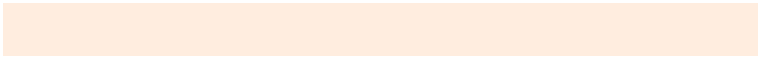
■ 54.5220, 48.2209,
6.9164

■ 53.3912, 46.1068,
6.0855

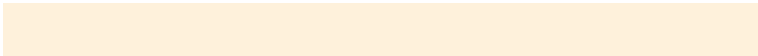
Harmonies

Analogous

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



88.3234, 89.0959, 82.4666



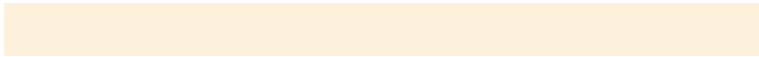
85.1145, 89.0959, 79.7290



81.8714, 89.0959, 81.3644

Triad

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



85.1145, 89.0959, 79.7290



79.0275, 89.0959, 105.3832



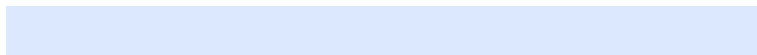
90.1522, 89.0959, 107.6576

Complementary

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



85.1145, 89.0959, 79.7290



75.9591, 79.9273, 105.1907

Split Complementary

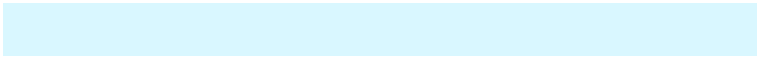
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5582, 89.0959, 114.5434



85.1145, 89.0959, 79.7290



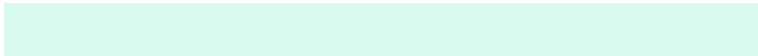
81.1440, 89.0959, 113.1706

Square

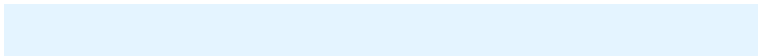
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1145, 89.0959, 79.7290



78.4117, 89.0959, 95.7818



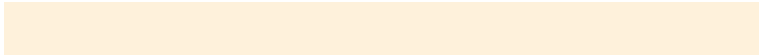
84.2529, 89.0959, 116.6240



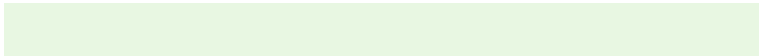
91.2800, 89.0959, 98.2493

Rectangle

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



85.1145, 89.0959, 79.7290



80.1167, 89.0959, 84.7768



84.2529, 89.0959, 116.6240



89.4195, 89.0959, 110.3675

Sweetspot

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



85.1169, 89.0998, 79.7309



92.2546, 96.9678, 100.0805



80.8303, 77.5849, 87.3708



19.6364, 20.6350, 21.0774



0.0000, 0.0000, 0.0000



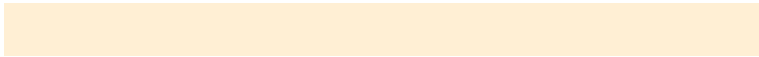
20.3446, 21.4041, 23.3091

Same Dimension

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



85.1169, 89.0998, 79.7309



83.9182, 87.6731, 74.5558



87.6233, 96.3075, 80.9900



18.9612, 19.8905, 18.9842



28.2944, 24.6000, 3.2570



2.8596, 2.6047, 0.3520

Inverse Universe

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



75.9591, 79.9273, 105.1907



72.7739, 76.5118, 105.5404



73.6791, 73.5212, 104.0743



17.5554, 18.4824, 22.8921



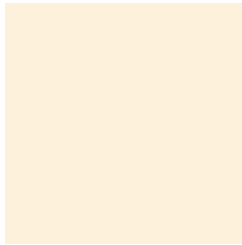
11.6853, 8.2801, 50.4169



1.2382, 1.0070, 4.9424

Previews

White Background



This preview shows how the XYZ color 85.1145, 89.0959, 79.7290 looks on a white background.

Color Contrast Check

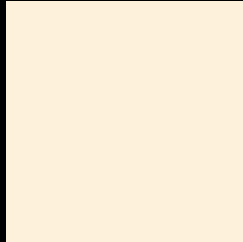
Large Text (above 18pt) WCAG AA × Fail

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 85.1145, 89.0959, 79.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

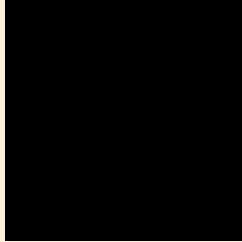
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1145, 89.0959, 79.7290

Background



This preview shows how black text looks on a background with the XYZ color 85.1145, 89.0959, 79.7290.



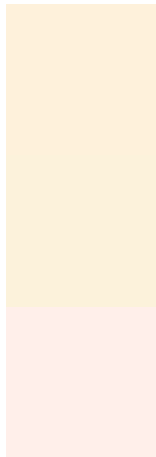
This preview shows how white text looks on a background with the XYZ color 85.1145, 89.0959,

79.7290.

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

85.1145, 89.0959, 79.7290

Protanopia

84.6832, 89.3142, 79.7939

Deuteranopia

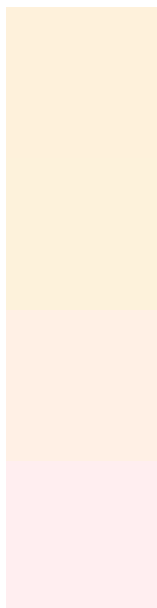
86.9578, 88.9335, 90.4246



Tritanopia

89.0949, 88.8566, 104.5507

Trichromacy



Original Color

85.1145, 89.0959, 79.7290

Protanomaly

85.0463, 89.5014, 79.8109

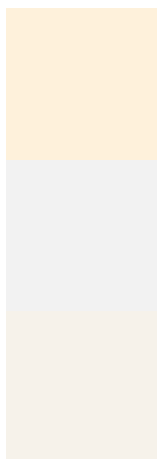
Deuteranomaly

86.5429, 89.2373, 86.7920

Tritanomaly

87.5427, 88.7003, 94.9450

Monochromacy



Original Color

85.1145, 89.0959, 79.7290

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6094, 89.0376, 90.5685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1145, 89.0959, 79.7290 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(254, 241, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 219)  
}
```

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(254, 241, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 219) }
```

Border

The CSS property to change the border of an element to XYZ 85.1145, 89.0959, 79.7290 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(254, 241, 219) }
```


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

```
.border{ border-color:rgb(254, 241, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1145, 89.0959, 79.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 219) }
```

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

```
.background{ background-color: rgb(254,  
241, 219) }
```

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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