

Converting Colors

XYZ(85.5136, 90.6460, 79.3190)

Have a look what the booklet for
XYZ(85.5136, 90.6460, 79.3190)
contains.

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Color

**XYZ(85.5136, 90.6460,
79.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF4DA
RGB	253, 244, 218
RGB Percent	99%, 96%, 85%
CMY	0.0078, 0.0431, 0.1451
CMYK	0.00, 0.04, 0.14, 0.01
HSL	45°, 90%, 92%
HSV	45°, 14%, 99%
XYZ	85.5136, 90.6460, 79.3190
YIQ	243.7270, 13.7100, -6.1780

Conversions

Conversions Part 2

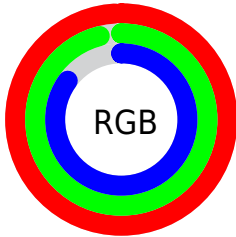
Format	Color
R _Y B	230, 253, 218
Decimal	16643290
CIE Lab	96.26, -1.21, 13.60
CIE LCh	96, 13.655, 95.068
Yxy	90.6460, 0.3347, 0.3548
Android (android.graphics.Color)	4294833370 (0xFFFD4DA)
YUV	243.7270, -12.6834, 8.1324
Hunter-Lab	95.2082, -6.2901, 17.2506

Details

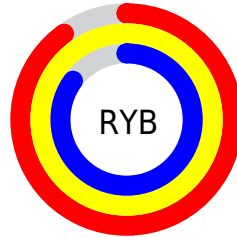
The XYZ color **85.5136, 90.6460, 79.3190** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.1119, 76.9339, 103.8729**, and the grayscale version is **85.8635, 90.3350, 98.3749**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3590, 50.3465, 41.8721** is the 20% darker color. If you saturate the color by 10%, you get **80.5311, 85.5805, 62.5520**, and if you desaturate by 10%, it is **91.0754, 96.0597, 98.7744**.

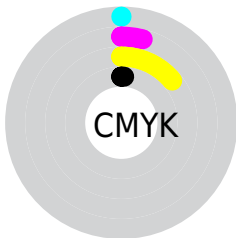
Distribution



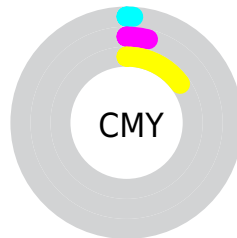
- Red (99%)
- Green (96%)
- Blue (85%)



- Red (90%)
- Yellow (99%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5136, 90.6460, 79.3190 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 85.5136, 90.6460, 79.3190 by changing the saturation by 10% instead.


 85.5136, 90.6460,
79.3190

 85.5136, 90.6460,
79.3190


501.7841,
530.1300, 512.2810

 64.5898, 68.5166,
58.6353


140.0009,
148.2354, 134.2106

 47.3920, 50.3181,
41.9015


174.2950,
184.4641, 169.2555

 33.5549, 35.6662,
28.6992


213.7766,
226.1614, 209.9246

 22.7131, 24.1765,
18.6097

258.8110,
273.7117, 256.6363

 14.5013, 15.4646,
11.2147

309.7636,
327.4993, 309.8093

 8.5542, 9.1461,
6.0954

366.9998,

 4.5063, 4.8366,

387.9086, 369.8620

2.8335

430.8848,
455.3240, 437.2131

■ 1.9924, 2.1517,
1.0102

■ 0.6297, 0.6935,
0.0000

■ 85.5136, 90.6460,
79.3190

■ 85.5136, 90.6460,
79.3190

■ 80.5311, 85.5805,
62.5520

■ 91.0754, 96.0597,
98.7744

■ 76.0971, 80.8407,
48.3473

■ 94.3184, 99.6228,
108.8658

■ 72.1887, 76.4194,
36.5768

■ 68.7785, 72.3043,
27.0996

■ 65.8361, 68.4822,
19.7597

■ 63.3275, 64.9383,
14.3820

■ 61.2136, 61.6556,
10.7632

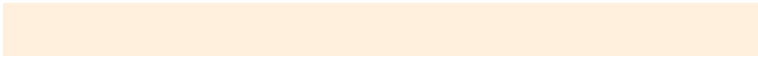
■ 59.4463, 58.6138,
8.6552

■ 58.4874, 56.8409,
7.8888

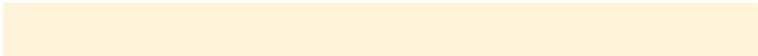
Harmonies

Analogous

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



89.2676, 90.6460, 80.9420



85.5136, 90.6460, 79.3190



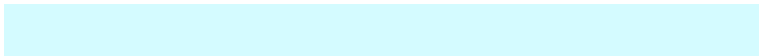
82.0333, 90.6460, 82.5695

Triad

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



85.5136, 90.6460, 79.3190



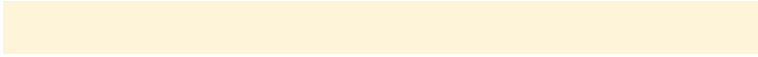
80.3234, 90.6460, 111.1926



92.9410, 90.6460, 107.7680

Complementary

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



85.5136, 90.6460, 79.3190



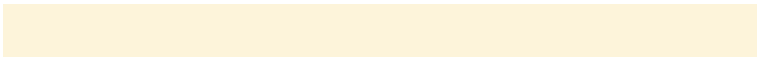
74.1119, 76.9339, 103.8729

Split Complementary

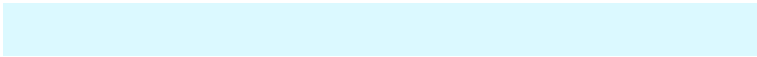
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4152, 90.6460, 116.8010



85.5136, 90.6460, 79.3190



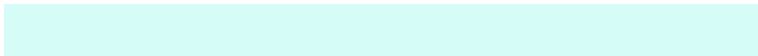
83.1181, 90.6460, 118.8777

Square

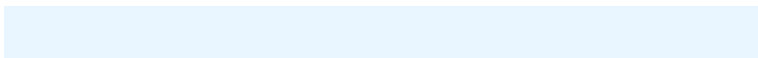
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5136, 90.6460, 79.3190



79.0934, 90.6460, 100.5549



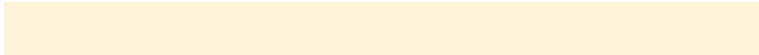
86.8022, 90.6460, 121.0014



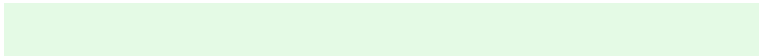
93.6276, 90.6460, 96.8643

Rectangle

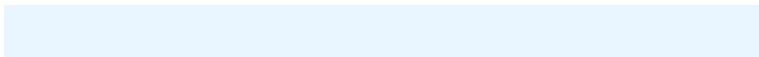
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.5136, 90.6460, 79.3190



80.3140, 90.6460, 87.2138



86.8022, 90.6460, 121.0014



92.2753, 90.6460, 111.1487

Sweetspot

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



85.5160, 90.6500, 79.3209



92.6203, 97.6992, 100.2024



79.4916, 76.5911, 83.5095



19.7291, 20.8204, 21.1083



0.0000, 0.0000, 0.0000



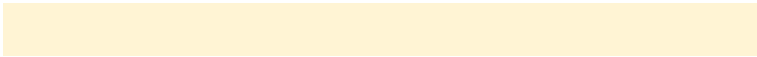
20.3446, 21.4041, 23.3091

Same Dimension

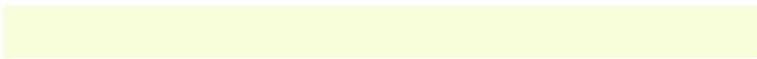
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5160, 90.6500, 79.3209



85.3879, 90.6125, 75.0457



85.3792, 94.6959, 80.1091



19.1429, 20.2539, 19.0448



31.2366, 30.4843, 4.2377



3.1294, 3.1441, 0.4419

Inverse Universe

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



74.1119, 76.9339, 103.8729



71.4324, 73.8287, 105.0932



74.2185, 73.4316, 103.1913



17.3824, 18.1364, 22.8345



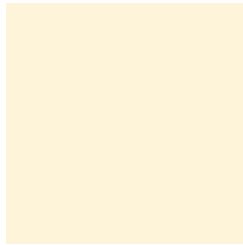
10.5361, 5.9819, 50.0339



1.1093, 0.7494, 4.8994

Previews

White Background



This preview shows how the XYZ color 85.5136, 90.6460, 79.3190 looks on a white background.

Color Contrast Check

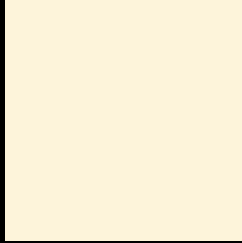
Large Text (above 18pt) WCAG AA × Fail

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 85.5136, 90.6460, 79.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

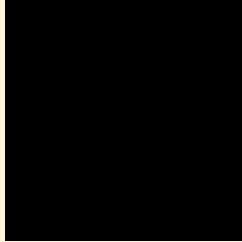
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5136, 90.6460, 79.3190

Background



This preview shows how black text looks on a background with the XYZ color 85.5136, 90.6460, 79.3190.



This preview shows how white text looks on a background with the XYZ color 85.5136, 90.6460,

79.3190.

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

85.5136, 90.6460, 79.3190

Protanopia

85.9455, 90.4231, 79.2533

Deuteranopia

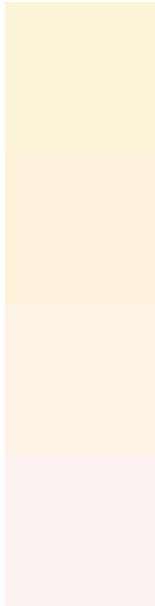
88.2782, 90.8787, 93.0093



Tritanopia

90.2895, 90.7359, 106.5210

Trichromacy



Original Color

85.5136, 90.6460, 79.3190

Protanomaly

85.5785, 90.2340, 79.2361

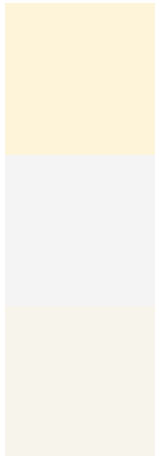
Deuteranomaly

87.2066, 90.8852, 87.8092

Tritanomaly

88.2055, 90.3323, 96.0060

Monochromacy



Original Color

85.5136, 90.6460, 79.3190

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.7039, 90.4737, 91.5434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5136, 90.6460, 79.3190 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, 244, 218)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 218)  
}
```

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, 244, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 218) }
```

Border

The CSS property to change the border of an element to XYZ 85.5136, 90.6460, 79.3190 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, 244, 218) }
```


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

```
.border{ border-color:rgb(253, 244, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 244, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 218);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5136, 90.6460, 79.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 218) }
```

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

```
.background{ background-color: rgb(253,  
244, 218) }
```

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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