

Converting Colors

XYZ(79.8425, 89.3843, 65.2693)

Have a look what the booklet for
XYZ(79.8425, 89.3843, 65.2693)
contains.

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Color

**XYZ(79.8425, 89.3843,
65.2693)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F7C4
RGB	242, 247, 196
RGB Percent	95%, 97%, 77%
CMY	0.0510, 0.0313, 0.2314
CMYK	0.02, 0.00, 0.21, 0.03
HSL	66°, 76%, 87%
HSV	66°, 21%, 97%
XYZ	79.8425, 89.3843, 65.2693
YIQ	239.6910, 13.3910, -16.9210

Conversions

Conversions Part 2

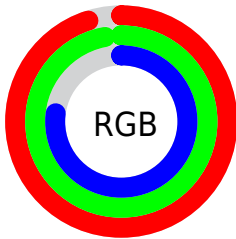
Format	Color
RYB	196, 247, 201
Decimal	15923140
CIELab	95.74, -9.87, 24.02
CIELCh	96, 25.969, 112.328
Yxy	89.3843, 0.3405, 0.3812
Android (android.graphics.Color)	4294113220 (0xFFFF2F7C4)
YUV	239.6910, -21.5397, 2.0250
Hunter-Lab	94.5433, -14.7061, 25.2486

Details

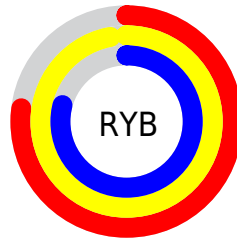
The XYZ color **79.8425, 89.3843, 65.2693** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.6193, 58.6152, 96.1195**, and the grayscale version is **82.7406, 87.0495, 94.7969**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **43.7630, 49.6537, 32.8688** is the 20% darker color. If you saturate the color by 10%, you get **76.4337, 87.9283, 51.6223**, and if you desaturate by 10%, it is **83.7300, 91.0391, 81.3584**.

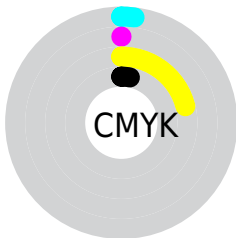
Distribution



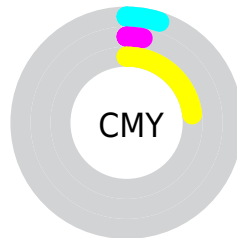
- Red (95%)
- Green (97%)
- Blue (77%)



- Red (77%)
- Yellow (97%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8425, 89.3843, 65.2693 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 79.8425, 89.3843, 65.2693 by changing the saturation by 10% instead.

79.8425, 89.3843,
65.2693

79.8425, 89.3843,
65.2693

483.1465,
526.0260, 462.0918

59.8968, 67.4701,
47.2267

132.0960,
146.4829, 114.0539

43.5846, 49.4668,
32.8593

165.1344,
182.4360, 145.6331

30.5406, 34.9899,
21.7485

203.2678,
223.8376, 182.5615

20.3994, 23.6551,
13.4756

246.8615,
271.0720, 225.2577

12.7956, 15.0780,
7.6223

296.2809,
324.5237, 274.1404

7.3640, 8.8741,
3.7700

351.8913,

3.7391, 4.6592,

384.5770, 329.6279

1.5000

414.0580,
451.6163, 392.1388

■ 1.5556, 2.0487,
0.2179

■ 0.3632, 0.6355,
0.0000

■ 79.8425, 89.3843,
65.2693

■ 79.8425, 89.3843,
65.2693

■ 76.4337, 87.9283,
51.6223

■ 83.7300, 91.0391,
81.3584

■ 73.4738, 86.6501,
40.2925

■ 88.1102, 92.8892,
99.9949

■ 70.9406, 85.5439,
31.1526

■ 90.4770, 93.9352,
107.9704

■ 68.8071, 84.5988,
24.0608

■ 91.3479, 94.3842,
108.0112

67.0433, 83.8028,
18.8586

92.2301, 94.8390,
108.0525

65.6145, 83.1421,
15.3643

92.5526, 95.0053,
108.0675

64.4795, 82.6002,
13.3608

63.6216, 82.1759,
12.5083

Harmonies

Analogous

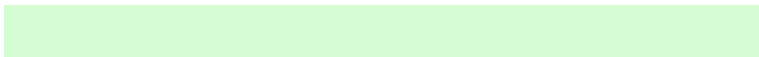
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8049, 89.3843, 63.2985



79.8425, 89.3843, 65.2693



74.5374, 89.3843, 75.1990

Triad

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



79.8425, 89.3843, 65.2693



76.8324, 89.3843, 131.9179



99.3170, 89.3843, 102.6735

Complementary

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



79.8425, 89.3843, 65.2693



60.6193, 58.6152, 96.1195

Split Complementary

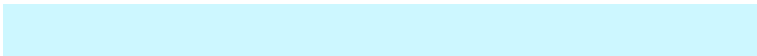
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3052, 89.3843, 123.4124



79.8425, 89.3843, 65.2693



83.1357, 89.3843, 141.7711

Square

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



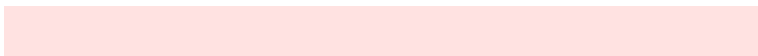
79.8425, 89.3843, 65.2693



72.8687, 89.3843, 113.0551



90.2856, 89.3843, 138.4581



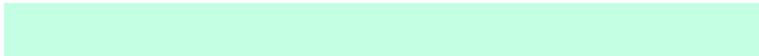
98.3135, 89.3843, 83.1249

Rectangle

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



79.8425, 89.3843, 65.2693



72.5246, 89.3843, 85.8593



90.2856, 89.3843, 138.4581



98.7350, 89.3843, 109.7671

Sweetspot

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



79.8448, 89.3883, 65.2712



92.1334, 98.7698, 96.4131



69.0368, 65.1865, 61.1694



19.6549, 21.1132, 20.3586



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

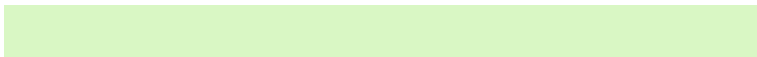
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8448, 89.3883, 65.2712



84.1671, 95.3852, 63.4097



71.9175, 85.3015, 64.9002



17.7450, 19.2261, 17.5733



33.7137, 43.4928, 6.6181



3.0087, 3.8461, 0.5838

Inverse Universe

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



60.6193, 58.6152, 96.1195



59.8942, 56.5295, 102.3623



67.8169, 62.3257, 96.4564



15.7320, 16.0045, 20.8026



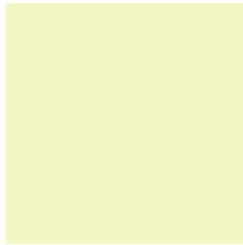
9.1334, 3.6828, 46.7675



0.8524, 0.3493, 4.1127

Previews

White Background



This preview shows how the XYZ color 79.8425, 89.3843, 65.2693 looks on a white background.

Color Contrast Check

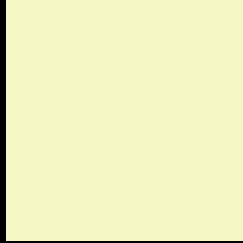
Large Text (above 18pt) WCAG AA × Fail

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 79.8425, 89.3843, 65.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

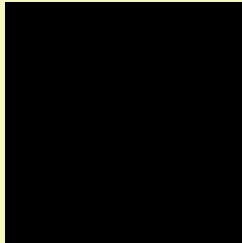
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

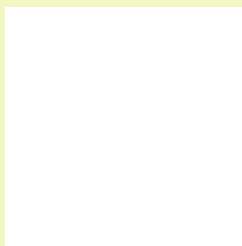
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8425, 89.3843, 65.2693

Background



This preview shows how black text looks on a background with the XYZ color 79.8425, 89.3843, 65.2693.



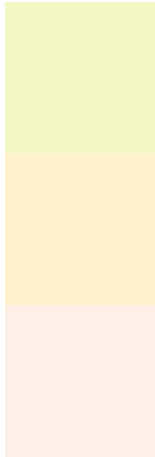
This preview shows how white text looks on a background with the XYZ color 79.8425, 89.3843,

65.2693.

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

79.8425, 89.3843, 65.2693

Protanopia

83.8912, 89.1239, 69.9078

Deuteranopia

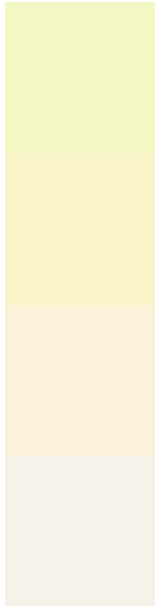
86.8239, 89.3497, 88.2714



Tritanopia

87.9834, 89.0927, 107.1671

Trichromacy



Original Color

79.8425, 89.3843, 65.2693

Protanomaly

82.3176, 89.2424, 68.1452

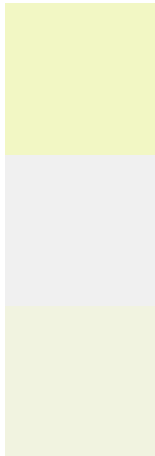
Deuteranomaly

84.1298, 89.4871, 79.1683

Tritanomaly

84.6094, 89.0376, 90.5685

Monochromacy



Original Color

79.8425, 89.3843, 65.2693

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.7808, 88.1838, 83.2319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8425, 89.3843, 65.2693 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(242, 247, 196)` looks like.

```
.text, #text, p{  
    color:rgb(242, 247, 196)  
}
```

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(242, 247, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 247, 196) }
```

Border

The CSS property to change the border of an element to XYZ 79.8425, 89.3843, 65.2693 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(242, 247, 196) }
```


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

```
.border{ border-color:rgb(242, 247, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 247, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 247, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 247, 196);  
box-shadow:4px 4px 4px 4px rgb(242, 247,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8425, 89.3843, 65.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 247, 196) }
```

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

```
.background{ background-color: rgb(242,  
247, 196) }
```

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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