

Converting Colors

XYZ(79.3862, 85.5690, 79.5575)

Have a look what the booklet for
XYZ(79.3862, 85.5690, 79.5575)
contains.

XYZ(79.5429, 85.7854, 79.3837)	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(79.5429, 85.7854,
79.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF0DB
RGB	239, 240, 219
RGB Percent	94%, 94%, 86%
CMY	0.0627, 0.0588, 0.1412
CMYK	0.00, 0.00, 0.09, 0.06
HSL	63°, 41%, 90%
HSV	63°, 9%, 94%
XYZ	79.5429, 85.7854, 79.3837
YIQ	237.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

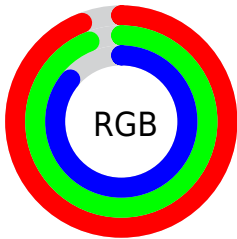
Format	Color
R _Y B	219, 240, 220
Decimal	15724763
CIE Lab	94.22, -3.90, 10.03
CIE LCh	94, 10.762, 111.269
Yxy	85.7854, 0.3250, 0.3506
Android (android.graphics.Color)	4293914843 (0xFFEFF0DB)
YUV	237.3070, -9.0254, 1.4848
Hunter-Lab	92.6204, -8.7890, 14.0176

Details

The XYZ color **79.5429, 85.7854, 79.3837** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.5782, 72.1723, 92.6534**, and the grayscale version is **80.7989, 85.0067, 92.5723**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3698, 47.0286, 41.9136** is the 20% darker color. If you saturate the color by 10%, you get **76.2229, 84.4156, 63.9069**, and if you desaturate by 10%, it is **83.3257, 87.3462, 97.2637**.

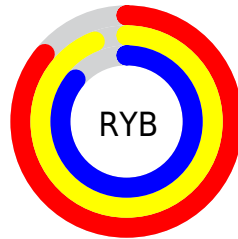
Distribution



Red (94%)

Green (94%)

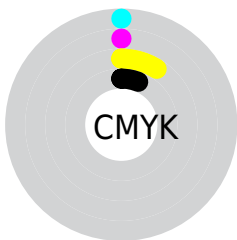
Blue (86%)



Red (86%)

Yellow (94%)

Blue (86%)

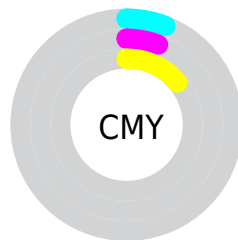


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5429, 85.7854, 79.3837 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 79.5429, 85.7854, 79.3837 by changing the saturation by 10% instead.

79.5429, 85.7854,
79.3837

79.5429, 85.7854,
79.3837

482.1511,
514.2233, 512.5053

59.6495, 64.4905,
58.6882

131.6768,
141.4700, 134.3025

43.3845, 47.0481,
41.9438

164.6479,
176.6285, 169.3627

30.3828, 33.0737,
28.7320

202.7090,
217.1770, 210.0484

20.2788, 22.1829,
18.6344

246.2254,
263.4999, 256.7779

12.7073, 13.9913,
11.2322

295.5625,
315.9816, 309.9698

7.3029, 8.1146,
6.1071

351.0855,

3.7003, 4.1684,

375.0064, 370.0426

2.8405

413.1599,
440.9589, 437.4149

■ 1.5340, 1.7682,
1.0138

■ 0.3488, 0.4672,
0.0000

■ 79.5429, 85.7854,
79.3837

■ 79.5429, 85.7854,
79.3837

■ 76.2229, 84.4156,
63.9069

■ 83.3257, 87.3462,
97.2637

■ 73.3392, 83.2177,
50.7256


■ 85.5890, 88.2968,
107.1397

■ 70.8735, 82.1874,
39.7321


■ 85.9828, 88.4998,
107.1581


■ 68.8031, 81.3154,
30.8078


■ 86.3791, 88.7041,
107.1767

 67.1034, 80.5921,
23.8232


 86.7778, 88.9096,
107.1953


 65.7472, 80.0063,
18.6338


 87.1791, 89.1165,
107.2141

 64.7030, 79.5457,
15.0754

 87.5828, 89.3246,
107.2330

 63.9340, 79.1955,
12.9533

 87.9890, 89.5340,
107.2520

 63.3858, 78.9338,
11.9810

 88.3977, 89.7447,
107.2711

Harmonies

Analogous

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



82.3805, 85.7854, 78.5816



79.5429, 85.7854, 79.3837



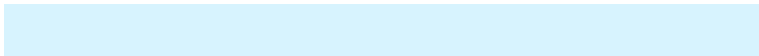
77.2898, 85.7854, 83.8242

Triad

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



79.5429, 85.7854, 79.3837



78.1184, 85.7854, 106.3404



87.1370, 85.7854, 95.8356

Complementary

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



79.5429, 85.7854, 79.3837



70.5782, 72.1723, 92.6534

Split Complementary

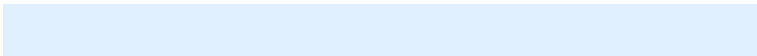
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9359, 85.7854, 103.6909



79.5429, 85.7854, 79.3837



80.6982, 85.7854, 109.9859

Square

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



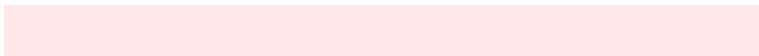
79.5429, 85.7854, 79.3837



76.4809, 85.7854, 99.2813



83.5630, 85.7854, 108.9887



86.8100, 85.7854, 87.7666

Rectangle

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



79.5429, 85.7854, 79.3837



76.4005, 85.7854, 88.4016



83.5630, 85.7854, 108.9887



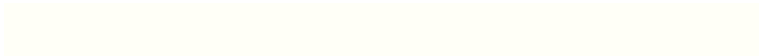
86.8976, 85.7854, 98.5952

Sweetspot

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



79.5452, 85.7891, 79.3856



93.7081, 99.4477, 102.5355



74.2386, 74.6709, 77.5192



19.9824, 21.2550, 21.5920



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.



79.5452, 85.7891, 79.3856



90.3663, 98.0697, 86.8034



76.1987, 84.0640, 79.2289



17.0438, 18.4183, 16.8065



34.6958, 43.2079, 6.5113



2.9092, 3.6063, 0.5427

Inverse Universe

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



70.5782, 72.1723, 92.6534



77.5930, 78.6726, 105.7035



73.7597, 73.8124, 92.8023



14.9672, 15.2648, 19.8792



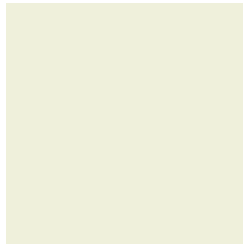
8.7198, 3.5006, 45.3440



0.7498, 0.3038, 3.7733

Previews

White Background



This preview shows how the XYZ color 79.5429, 85.7854, 79.3837 looks on a white background.

Color Contrast Check

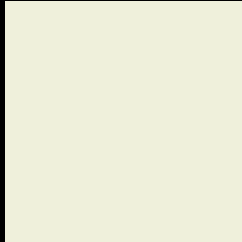
Large Text (above 18pt) WCAG AA × Fail

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 79.5429, 85.7854, 79.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

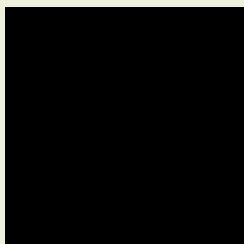
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

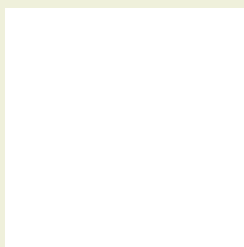
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5429, 85.7854, 79.3837

Background



This preview shows how black text looks on a background with the XYZ color 79.5429, 85.7854, 79.3837.

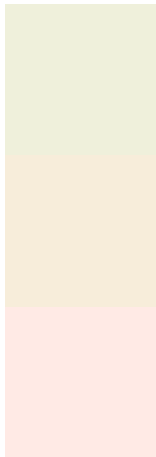


This preview shows how white text looks on a background with the XYZ color 79.5429, 85.7854,

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

79.5429, 85.7854, 79.3837

Protanopia

81.2968, 85.4045, 78.5296

Deuteranopia

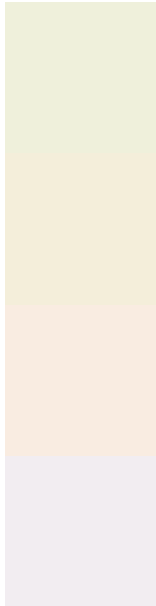
84.8057, 85.7628, 86.2129



Tritanopia

84.7462, 85.7416, 105.0117

Trichromacy



Original Color

79.5429, 85.7854, 79.3837

Protanomaly

80.5377, 85.4441, 78.5772

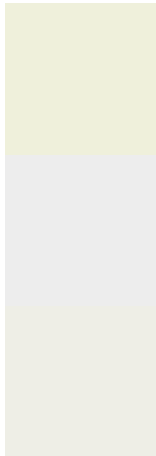
Deuteranomaly

82.6530, 85.5669, 83.3939

Tritanomaly

82.7793, 85.7965, 95.4165

Monochromacy



Original Color

79.5429, 85.7854, 79.3837

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1174, 85.0394, 87.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5429, 85.7854, 79.3837 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(239, 240, 219) looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 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(239, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.5429, 85.7854, 79.3837 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(239, 240, 219) }
```


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

```
.border{ border-color:rgb(239, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5429, 85.7854, 79.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 219) }
```

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

```
.background{ background-color: rgb(239,  
240, 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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