

# Converting Colors

XYZ(79.2403, 85.2715, 81.4413)

Have a look what the booklet for XYZ(79.2403, 85.2715, 81.4413) contains.

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# Color

**XYZ(79.3112, 85.1841,  
81.3693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEEEFDE
RGB	238, 239, 222
RGB Percent	93%, 94%, 87%
CMY	0.0667, 0.0627, 0.1294
CMYK	0.00, 0.00, 0.07, 0.06
HSL	64°, 35%, 90%
HSV	64°, 7%, 94%
XYZ	79.3112, 85.1841, 81.3693
YIQ	236.7630, 4.8610, -5.4990

# Conversions

## Conversions Part 2

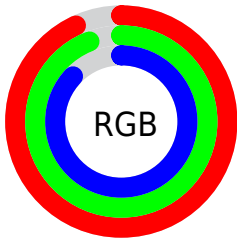
Format	Color
R <sub>Y</sub> B	222, 239, 223
Decimal	15658974
CIE Lab	93.96, -3.25, 8.10
CIE LCh	94, 8.724, 111.868
Yxy	85.1841, 0.3226, 0.3465
Android (android.graphics.Color)	4293849054 (0xFFEEEFDE)
YUV	236.7630, -7.2782, 1.0848
Hunter-Lab	92.2952, -8.1279, 12.3354

# Details

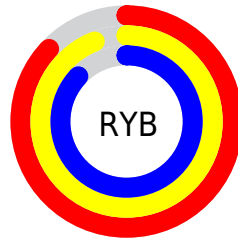
The XYZ color **79.3112, 85.1841, 81.3693** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.1361, 74.1649, 92.1792**, and the grayscale version is **80.3676, 84.5530, 92.0782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1999, 46.6021, 43.2774** is the 20% darker color. If you saturate the color by 10%, you get **75.8608, 83.7522, 65.6548**, and if you desaturate by 10%, it is **83.2241, 86.8070, 99.4793**.

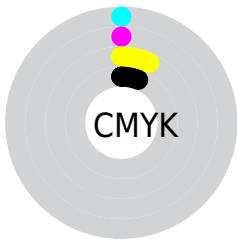
# Distribution



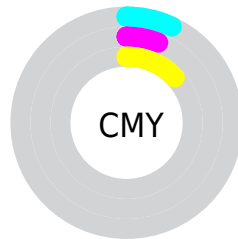
- Red (93%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3112, 85.1841, 81.3693 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 79.3112, 85.1841, 81.3693 by changing the saturation by 10% instead.



79.3112, 85.1841,  
81.3693

79.3112, 85.1841,  
81.3693

481.3805,  
512.2370, 519.3635

59.4582, 63.9935,  
60.3130

131.3525,  
140.6304, 137.1179

43.2299, 46.6454,  
43.2440

164.2715,  
175.6548, 172.6474

30.2608, 32.7554,  
29.7438

202.2766,  
216.0594, 213.8382

20.1857, 21.9392,  
19.3938

245.7331,  
262.2284, 261.1091

12.6392, 13.8122,  
11.7755

295.0064,  
314.5463, 314.8786

7.2558, 7.9902,  
6.4703

350.4618,

3.6703, 4.0887,

373.3974, 375.5651

3.0597

412.4647,  
439.1662, 443.5872

■ 1.5174, 1.7233,  
1.1252

■ 0.3376, 0.4387,  
0.0000

■ 79.3112, 85.1841,  
81.3693

■ 79.3112, 85.1841,  
81.3693

■ 75.8608, 83.7522,  
65.6548

■ 83.2241, 86.8070,  
99.4793

■ 72.8470, 82.4925,  
52.2302

■ 85.1344, 87.6266,  
107.0343

■ 70.2517, 81.4007,  
40.9902

■ 85.6179, 87.8759,  
107.0569

■ 68.0530, 80.4679,  
31.8192

■ 86.1052, 88.1271,  
107.0797

66.2268, 79.6845,  
24.5906

86.5963, 88.3802,  
107.1027

64.7465, 79.0400,  
19.1644

87.0911, 88.6353,  
107.1259

63.5819, 78.5222,  
15.3817

87.5897, 88.8923,  
107.1492

62.6977, 78.1169,  
13.0559

88.0921, 89.1513,  
107.1727

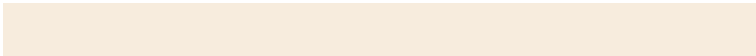
62.0479, 77.8058,  
11.9458

88.5982, 89.4122,  
107.1964

# Harmonies

## Analogous

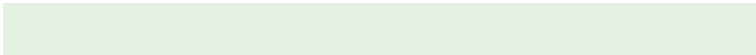
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5989, 85.1841, 80.6452



79.3112, 85.1841, 81.3693



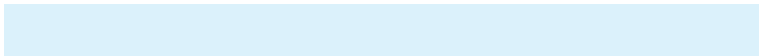
77.4992, 85.1841, 85.0679

# Triad

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



79.3112, 85.1841, 81.3693



78.2358, 85.1841, 103.1907



85.4716, 85.1841, 94.5739

# Complementary

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



79.3112, 85.1841, 81.3693



72.1361, 74.1649, 92.1792

# Split Complementary

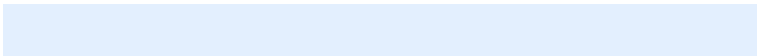
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5325, 85.1841, 100.8833



79.3112, 85.1841, 81.3693



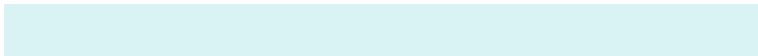
80.3342, 85.1841, 106.0115

# Square

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



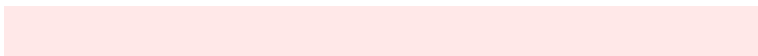
79.3112, 85.1841, 81.3693



76.8866, 85.1841, 97.6020



82.6415, 85.1841, 105.1475



85.1850, 85.1841, 88.0635



# Rectangle

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



79.3112, 85.1841, 81.3693



76.7903, 85.1841, 88.8234



82.6415, 85.1841, 105.1475



85.2882, 85.1841, 96.7927

# Sweetspot

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



79.3135, 85.1878, 81.3711



94.1288, 99.6187, 104.6275



75.1318, 76.3221, 79.8803



20.1571, 21.3265, 22.4393



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

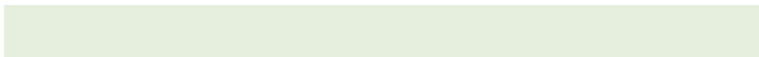
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3135, 85.1878, 81.3711



91.0754, 98.3527, 90.5650



76.5754, 83.7762, 81.2430



17.0253, 18.4087, 16.8056



34.2360, 42.9709, 6.4898



2.8759, 3.5891, 0.5412



# Inverse Universe

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



72.1361, 74.1649, 92.1792



80.6577, 82.3535, 106.2524



74.7720, 75.5238, 92.3025



14.9837, 15.2733, 19.8799



8.7459, 3.5141, 45.3452

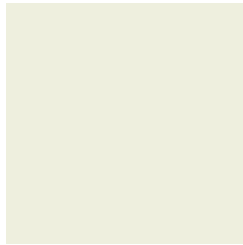


0.7578, 0.3079, 3.7737



# Previews

## White Background



This preview shows how the XYZ color 79.3112, 85.1841, 81.3693 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

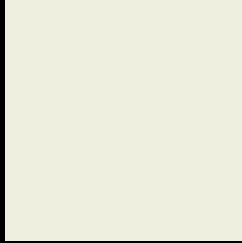
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.3112, 85.1841, 81.3693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

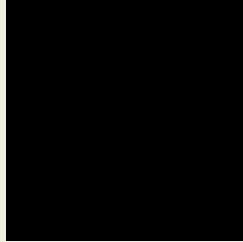
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

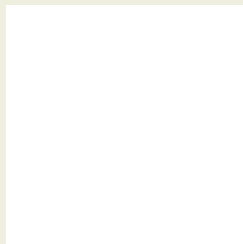
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.3112, 85.1841, 81.3693**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.3112, 85.1841, 81.3693.



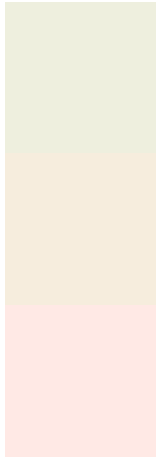
This preview shows how white text looks on a background with the XYZ color 79.3112, 85.1841,

81.3693.

# 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

79.3112, 85.1841, 81.3693

### Protanopia

81.3414, 85.3817, 80.5998

### Deuteranopia

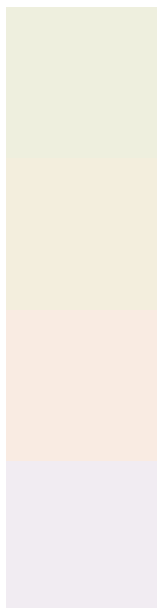
84.5218, 85.1950, 86.1182



## Tritanopia

84.1146, 84.9922, 104.9003

# Trichromacy



## Original Color

79.3112, 85.1841, 81.3693

## Protanomaly

80.5878, 85.4242, 80.6477

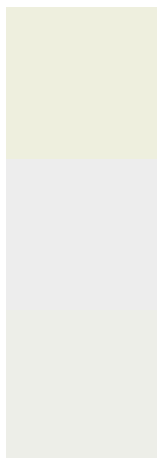
## Deuteranomaly

82.5027, 85.0474, 84.0189

## Tritanomaly

82.2981, 85.1025, 96.0932

# Monochromacy



## Original Color

79.3112, 85.1841, 81.3693

## Achromatopsia

80.4953, 84.6873, 92.2245

## Achromatomaly

80.0651, 84.9798, 88.5268

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.3112, 85.1841, 81.3693 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(238, 239, 222) looks like.

```
.text, #text, p{  
    color:rgb(238, 239, 222)  
}
```

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(238, 239, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 239, 222) }
```

## Border

The CSS property to change the border of an element to XYZ 79.3112, 85.1841, 81.3693 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(238, 239, 222) }
```



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

```
.border{ border-color:rgb(238, 239, 222) }
```

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

Here you see how a box with a 4 pixel rgb(238, 239, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 239, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 239, 222);  
box-shadow:4px 4px 4px 4px rgb(238, 239,  
222) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.3112, 85.1841, 81.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 239, 222) }
```

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

```
.background{ background-color: rgb(238,  
239, 222) }
```

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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