

Converting Colors

XYZ(79.3445, 82.8141, 84.2630)

Have a look what the booklet for
XYZ(79.3445, 82.8141, 84.2630)
contains.

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Color

**XYZ(79.5636, 83.0925,
84.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EAE3
RGB	241, 234, 227
RGB Percent	95%, 92%, 89%
CMY	0.0549, 0.0823, 0.1098
CMYK	0.00, 0.03, 0.06, 0.05
HSL	30°, 33%, 92%
HSV	30°, 6%, 95%
XYZ	79.5636, 83.0925, 84.5180
YIQ	235.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

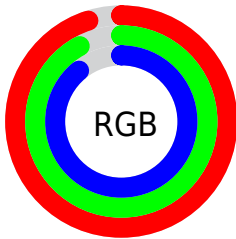
Format	Color
RYB	241, 241, 227
Decimal	15854307
CIELab	93.05, 1.16, 4.22
CIELCh	93, 4.377, 74.616
Yxy	83.0925, 0.3219, 0.3362
Android (android.graphics.Color)	4294044387 (0xFFFF1EAE3)
YUV	235.2950, -4.0894, 5.0033
Hunter-Lab	91.1551, -3.7199, 8.8355

Details

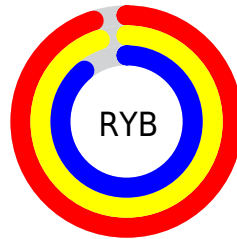
The XYZ color **79.5636, 83.0925, 84.5180** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **76.9784, 81.5261, 94.8990**, and the grayscale version is **79.2191, 83.3447, 90.7624**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3744, 45.1336, 45.4553** is the 20% darker color. If you saturate the color by 10%, you get **73.1554, 75.2312, 67.1037**, and if you desaturate by 10%, it is **86.6752, 91.6134, 104.4658**.

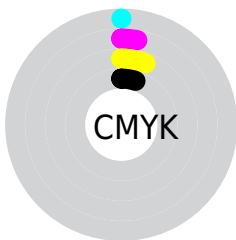
Distribution



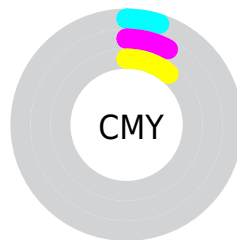
- Red (95%)
- Green (92%)
- Blue (89%)



- Red (95%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5636, 83.0925, 84.5180 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 79.5636, 83.0925, 84.5180 by changing the saturation by 10% instead.

79.5636, 83.0925,
84.5180

79.5636, 83.0925,
84.5180

482.2199,
505.2947, 530.1347

59.6665, 62.2665,
62.8953

131.7058,
137.7050, 141.5677

43.3983, 45.2480,
45.3161

164.6816,
172.2603, 177.8319

30.3937, 31.6528,
31.3617

202.7476,
212.1607, 219.8136

20.2871, 21.0965,
20.6137

246.2694,
257.7908, 267.9314

12.7134, 13.1945,
12.6534

295.6121,
309.5348, 322.6039

7.3071, 7.5626,
7.0624

351.1412,

3.7029, 3.8164,

367.7772, 384.2496

3.4221

413.2220,
432.9024, 453.2870

■ 1.5355, 1.5714,
1.3140

■ 0.3498, 0.3382,
0.0732

■ 79.5636, 83.0925,
84.5180

■ 79.5636, 83.0925,
84.5180

■ 73.1554, 75.2312,
67.1037

■ 86.6752, 91.6134,
104.4658

■ 67.4197, 68.0017,
52.1148

■ 90.0861, 97.4410,
108.6677

■ 62.3337, 61.3901,
39.4431

■ 57.8701, 55.3776,
28.9701

■ 53.9999, 49.9444,
20.5668

■ 50.6908, 45.0693,
14.0904

■ 47.9073, 40.7293,
9.3798

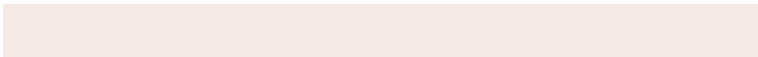
■ 45.6083, 36.8988,
6.2470

■ 43.7442, 33.5487,
4.4600

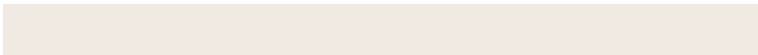
Harmonies

Analogous

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



80.5576, 83.0925, 86.1086



79.5636, 83.0925, 84.5180



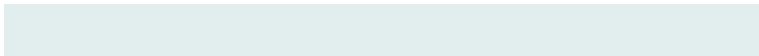
78.4216, 83.0925, 84.4970

Triad

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



79.5636, 83.0925, 84.5180



76.8615, 83.0925, 92.0771



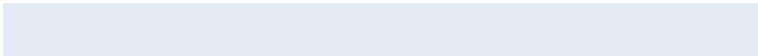
80.5364, 83.0925, 95.0457

Complementary

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



79.5636, 83.0925, 84.5180



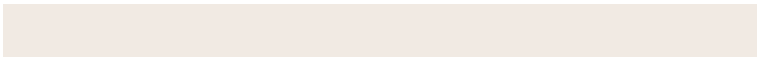
76.9784, 81.5261, 94.8990

Split Complementary

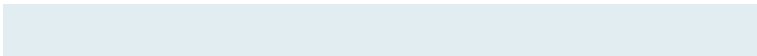
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5349, 83.0925, 96.7256



79.5636, 83.0925, 84.5180



77.4170, 83.0925, 94.9837

Square

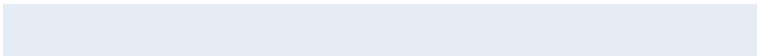
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5636, 83.0925, 84.5180



76.8691, 83.0925, 88.8079



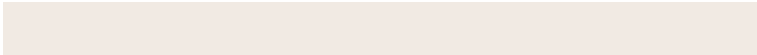
78.3931, 83.0925, 96.7026



81.1230, 83.0925, 92.1600

Rectangle

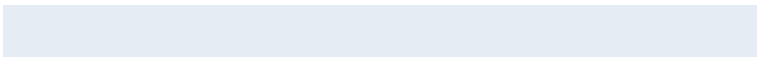
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5636, 83.0925, 84.5180



77.7304, 83.0925, 85.3732



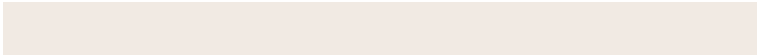
78.3931, 83.0925, 96.7026



80.2367, 83.0925, 95.7732

Sweetspot

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



79.5659, 83.0961, 84.5198



93.4320, 98.0606, 104.3635



78.5971, 79.5807, 89.0611



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



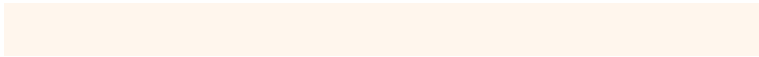
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5659, 83.0961, 84.5198



89.5283, 93.3438, 93.5342



81.5971, 87.1585, 85.1969



16.6912, 17.3888, 17.3034



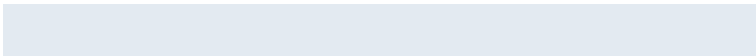
23.4863, 17.7706, 2.1922



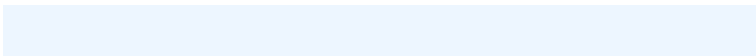
2.0533, 1.6774, 0.2155

Inverse Universe

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



76.9784, 81.5261, 94.8990



86.0020, 91.2041, 107.6791



75.0260, 77.6212, 94.2482



15.9809, 16.9578, 20.1525



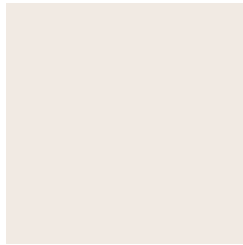
12.4147, 11.0537, 46.6071



1.1323, 1.1185, 3.9104

Previews

White Background



This preview shows how the XYZ color 79.5636, 83.0925, 84.5180 looks on a white background.

Color Contrast Check

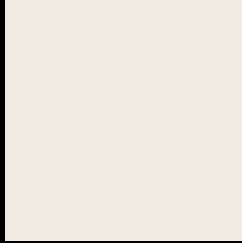
Large Text (above 18pt) WCAG AA × Fail

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 79.5636, 83.0925, 84.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

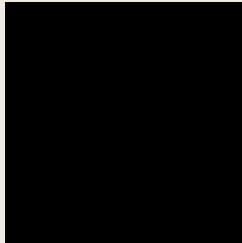
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

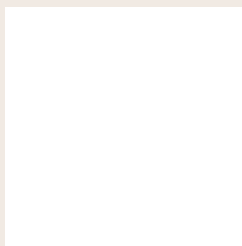
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5636, 83.0925, 84.5180

Background



This preview shows how black text looks on a background with the XYZ color 79.5636, 83.0925, 84.5180.



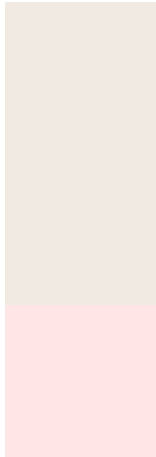
This preview shows how white text looks on a background with the XYZ color 79.5636, 83.0925,

84.5180.

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

79.5636, 83.0925, 84.5180

Protanopia

79.5636, 83.0925, 84.5180

Deuteranopia

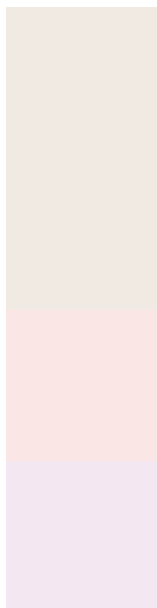
83.5422, 83.0118, 86.4826



Tritanopia

82.9830, 83.2245, 101.3128

Trichromacy



Original Color

79.5636, 83.0925, 84.5180

Protanomaly

79.5636, 83.0925, 84.5180

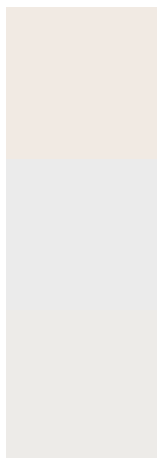
Deuteranomaly

82.1431, 83.1330, 85.8456

Tritanomaly

81.6959, 83.1188, 94.9568

Monochromacy



Original Color

79.5636, 83.0925, 84.5180

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1989, 83.2474, 88.2381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5636, 83.0925, 84.5180 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(241, 234, 227) looks like.

```
.text, #text, p{  
    color:rgb(241, 234, 227)  
}
```

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(241, 234, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 234, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.5636, 83.0925, 84.5180 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(241, 234, 227) }
```


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

```
.border{ border-color:rgb(241, 234, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 234, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 234, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 234, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 234,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5636, 83.0925, 84.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 234, 227) }
```

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

```
.background{ background-color: rgb(241,  
234, 227) }
```

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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