

# Converting Colors

XYZ(79.3023, 82.9095, 86.6864)

Have a look what the booklet for  
XYZ(79.3023, 82.9095, 86.6864)  
contains.

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# Color

**XYZ(79.3023, 82.9095,  
86.6864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFEAE6
RGB	239, 234, 230
RGB Percent	94%, 92%, 90%
CMY	0.0627, 0.0823, 0.0980
CMYK	0.00, 0.02, 0.04, 0.06
HSL	27°, 22%, 92%
HSV	27°, 4%, 94%
XYZ	79.3023, 82.9095, 86.6864
YIQ	235.0390, 4.2640, -0.1840

# Conversions

## Conversions Part 2

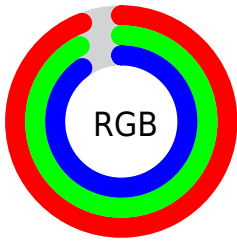
Format	Color
R <sub>Y</sub> B	239, 237, 230
Decimal	15723238
CIE Lab	92.97, 0.99, 2.52
CIE LCh	93, 2.710, 68.575
Yxy	82.9095, 0.3186, 0.3331
Android (android.graphics.Color)	4293913318 (0xFFEFAE6)
YUV	235.0390, -2.4842, 3.4738
Hunter-Lab	91.0547, -3.8845, 7.2926

# Details

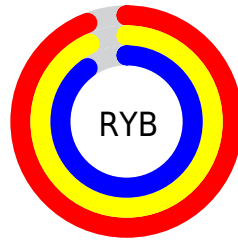
The XYZ color **79.3023, 82.9095, 86.6864** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9214, 82.4704, 93.4738**, and the grayscale version is **79.0133, 83.1282, 90.5266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1867, 45.0032, 46.9677** is the 20% darker color. If you saturate the color by 10%, you get **72.5376, 74.3873, 68.9923**, and if you desaturate by 10%, it is **86.8148, 92.1886, 106.9021**.

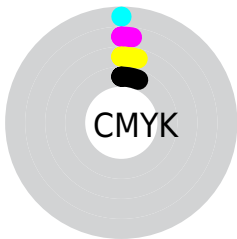
# Distribution



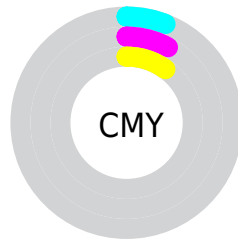
- Red (94%)
- Green (92%)
- Blue (90%)



- Red (94%)
- Yellow (93%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3023, 82.9095, 86.6864 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 79.3023, 82.9095, 86.6864 by changing the saturation by 10% instead.



79.3023, 82.9095,  
86.6864

79.3023, 82.9095,  
86.6864

481.3508,  
504.6849, 537.4813

59.4509, 62.1155,  
64.6776

131.3400,  
137.4487, 144.6220

43.2239, 45.1260,  
46.7500

164.2571,  
171.9627, 181.3858

30.2561, 31.5567,  
32.4851

202.2600,  
211.8188, 223.9050

20.1821, 21.0231,  
21.4644

245.7142,  
257.4014, 272.5982

12.6365, 13.1409,  
13.2694

294.9850,  
309.0949, 327.8839

7.2540, 7.5257,  
7.4814

350.4379,

3.6692, 3.7930,

367.2837, 390.1806

3.6820

412.4380,  
432.3523, 459.9069

■ 1.5167, 1.5584,  
1.4525

■ 0.3372, 0.3293,  
0.1822

■ 79.3023, 82.9095,  
86.6864

■ 79.3023, 82.9095,  
86.6864

■ 72.5376, 74.3873,  
68.9923

■ 86.8148, 92.1886,  
106.9021

■ 66.4888, 66.5916,  
53.7143

■ 89.4070, 97.0909,  
108.6359

■ 61.1322, 59.5052,  
40.7476

■ 56.4397, 53.1064,  
29.9771

■ 52.3811, 47.3722,  
21.2783

■ 48.9238, 42.2780,  
14.5135

■ 46.0313, 37.7974,  
9.5284

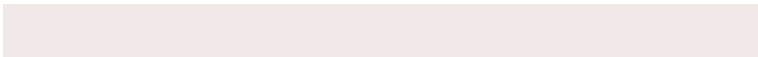
■ 43.6625, 33.9013,  
6.1445

■ 41.7685, 30.5570,  
4.1449

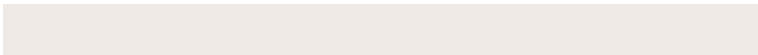
# Harmonies

## Analogous

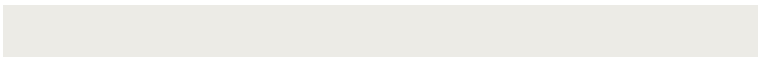
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8742, 82.9095, 87.8603



79.3023, 82.9095, 86.6864



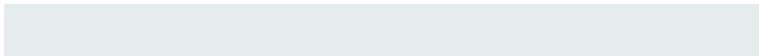
78.5998, 82.9095, 86.4663

# Triad

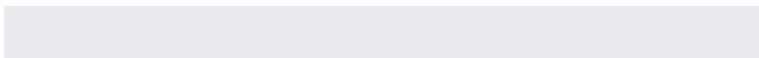
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3023, 82.9095, 86.6864



77.4619, 82.9095, 90.8581



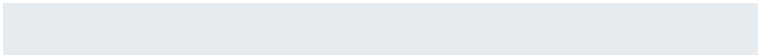
79.6566, 82.9095, 93.3630

# Complementary

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



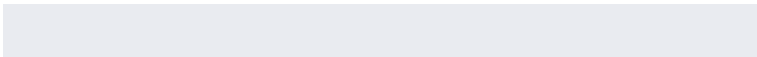
79.3023, 82.9095, 86.6864



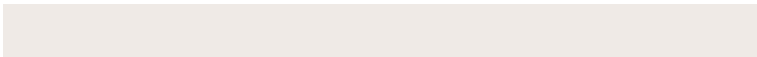
77.9214, 82.4704, 93.4738

# 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.



79.0066, 82.9095, 94.1926



79.3023, 82.9095, 86.6864



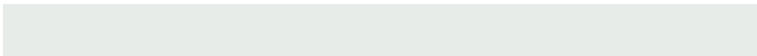
77.7414, 82.9095, 92.7322

# Square

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



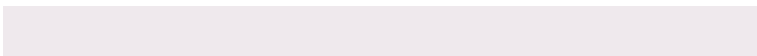
79.3023, 82.9095, 86.6864



77.5400, 82.9095, 88.8549



78.3058, 82.9095, 93.9600



80.0796, 82.9095, 91.7089



# Rectangle

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



79.3023, 82.9095, 86.6864



78.1524, 82.9095, 86.8870



78.3058, 82.9095, 93.9600



79.4572, 82.9095, 93.7487

# Sweetspot

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



79.3046, 82.9131, 86.6882



94.1922, 98.9370, 106.6021



78.9044, 80.9495, 90.1402



20.1701, 21.1878, 22.8415



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.



79.3046, 82.9131, 86.6882



90.8482, 94.7731, 97.7062



80.5717, 85.4472, 87.1105



16.9155, 17.6251, 18.0328



22.6652, 16.1284, 1.9185

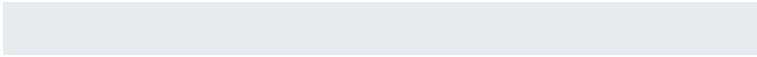


1.9833, 1.5372, 0.1922

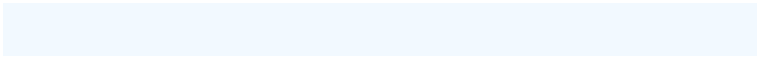


# Inverse Universe

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



77.9214, 82.4704, 93.4738



88.7308, 94.0954, 108.0934



76.6784, 79.9844, 93.0594



16.4680, 17.4819, 20.2280



13.3527, 12.9297, 46.9198

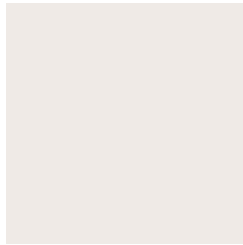


1.2099, 1.2738, 3.9363



# Previews

## White Background



This preview shows how the XYZ color 79.3023, 82.9095, 86.6864 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

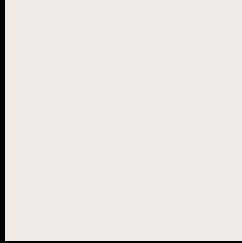
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.3023, 82.9095, 86.6864 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

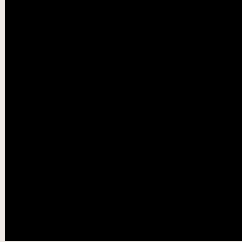
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

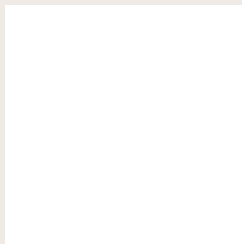
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 79.3023, 82.9095, 86.6864

## Background



This preview shows how black text looks on a background with the XYZ color 79.3023, 82.9095, 86.6864.



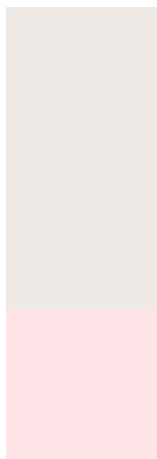
This preview shows how white text looks on a background with the XYZ color 79.3023, 82.9095,

86.6864.

# 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

79.3023, 82.9095, 86.6864

### Protanopia

79.6409, 83.0841, 86.7022

### Deuteranopia

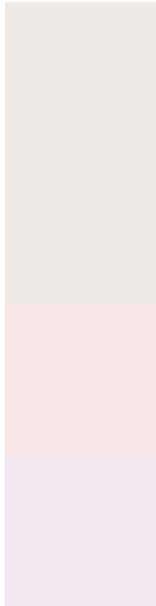
83.5489, 82.5730, 87.8786



## Tritanopia

82.2927, 82.8686, 101.2805

# Trichromacy



## Original Color

79.3023, 82.9095, 86.6864

## Protanomaly

79.6409, 83.0841, 86.7022

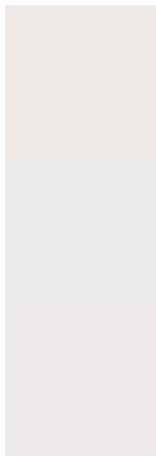
## Deuteranomaly

81.7875, 82.5029, 87.2153

## Tritanomaly

81.1593, 82.8248, 95.7136

# Monochromacy



## Original Color

79.3023, 82.9095, 86.6864

## Achromatopsia

78.9647, 83.0770, 90.4708

## Achromatomaly

79.0084, 83.1327, 88.9728

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.3023, 82.9095, 86.6864 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, 234, 230) looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 230)  
}
```

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, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 79.3023, 82.9095, 86.6864 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, 234, 230) }
```



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

```
.border{ border-color:rgb(239, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.3023, 82.9095, 86.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 230) }
```

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

```
.background{ background-color: rgb(239,  
234, 230) }
```

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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