

# Converting Colors

XYZ(79.2402, 84.8184, 79.5463)

Have a look what the booklet for  
XYZ(79.2402, 84.8184, 79.5463)  
contains.

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# Color

**XYZ(79.2959, 84.7888,  
79.2044)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F0EEDB
RGB	240, 238, 219
RGB Percent	94%, 93%, 86%
CMY	0.0588, 0.0666, 0.1412
CMYK	0.00, 0.01, 0.09, 0.06
HSL	54°, 41%, 90%
HSV	54°, 9%, 94%
XYZ	79.2959, 84.7888, 79.2044
YIQ	236.4320, 7.2910, -5.4850

# Conversions

## Conversions Part 2

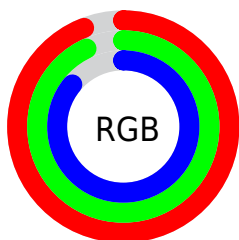
Format	Color
<a href="#">RYB</a>	<a href="#">221, 240, 219</a>
Decimal	<a href="#">15789787</a>
CIELab	<a href="#">93.79, -2.55, 9.43</a>
CIELCh	<a href="#">94, 9.764, 105.110</a>
Yxy	<a href="#">84.7888, 0.3259, 0.3485</a>
Android (android.graphics.Color)	<a href="#">4293979867</a> (0xFFFF0EEDB)
YUV	<a href="#">236.4320, -8.5940, 3.1291</a>
Hunter-Lab	<a href="#">92.0808, -7.4252, 13.4576</a>

# Details

The XYZ color 79.2959, 84.7888, 79.2044 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 70.7980, 73.0631, 92.8101, and the grayscale version is 80.1218, 84.2943, 91.7965.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 43.1960, 46.3266, 41.7872 is the 20% darker color. If you saturate the color by 10%, you get 75.7025, 82.2986, 63.5260, and if you desaturate by 10%, it is 83.3579, 87.4855, 97.2885.

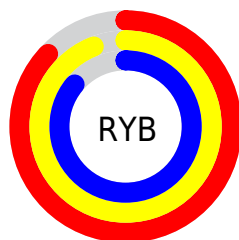
# Distribution



Red (94%)

Green (93%)

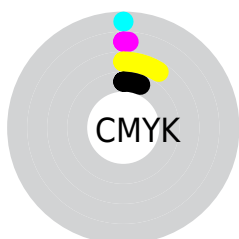
Blue (86%)



Red (87%)

Yellow (94%)

Blue (86%)

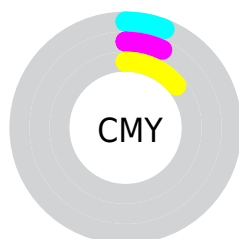


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (6%)



Cyan (6%)


Magenta (7%)


Yellow (14%)

# Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2959, 84.7888, 79.2044 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 79.2959, 84.7888, 79.2044 by changing the saturation by 10% instead.

 79.2959, 84.7888,  
79.2044

 79.2959, 84.7888,  
79.2044


481.3295,  
510.9290, 511.8834

 59.4456, 63.6669,  
58.5416


131.3311,  
140.0781, 134.0478

 43.2197, 46.3809,  
41.8266


164.2467,  
175.0142, 169.0655

 30.2528, 32.5465,  
28.6410


202.2481,  
215.3239, 209.7053

 20.1796, 21.7793,  
18.5662

245.7006,  
261.3915, 256.3856

 12.6347, 13.6948,  
11.1836

294.9697,  
313.6014, 309.5250

 7.2527, 7.9087,  
6.0747


350.4206,


 3.6684, 4.0366,


372.3380, 369.5421


2.8211


412.4188,  
437.9857, 436.8554


 1.5163, 1.6941,  
1.0040


 0.3369, 0.4198,  
0.0000


 79.2959, 84.7888,  
79.2044


 79.2959, 84.7888,  
79.2044

 75.7025, 82.2986,  
63.5260


 83.3579, 87.4855,  
97.2885


 72.5515, 79.9959,  
50.1458


 85.9066, 89.5876,  
107.3721


 69.8241, 77.8761,  
38.9558


 86.5917, 90.9578,  
107.6005


 67.4981, 75.9301,  
29.8378


 87.2853, 92.3450,  
107.8317


 65.5486, 74.1480,  
22.6619


 87.9875, 93.7493,  
108.0657

 63.9483, 72.5188,  
17.2839


 88.6982, 95.1707,  
108.3026

 62.6658, 71.0299,  
13.5394

 89.4174, 96.6092,  
108.5424

 61.6643, 69.6664,  
11.2339

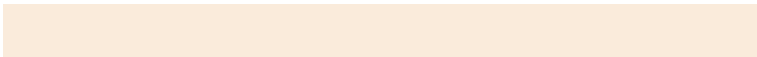
 89.7456, 97.2655,  
108.6518

 60.8893, 68.4067,  
10.0808

# Harmonies

## Analogous

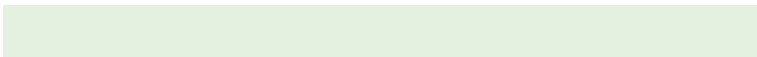
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8777, 84.7888, 79.1915



79.2959, 84.7888, 79.2044



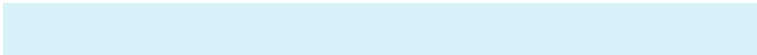
77.1067, 84.7888, 82.6013

# Triad

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



79.2959, 84.7888, 79.2044



77.1199, 84.7888, 102.8157



85.5066, 84.7888, 96.0402

# Complementary

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



79.2959, 84.7888, 79.2044



70.7980, 73.0631, 92.8101

# Split Complementary

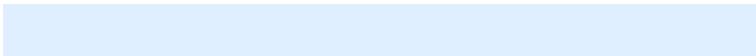
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1750, 84.7888, 102.7739



79.2959, 84.7888, 79.2044



79.3143, 84.7888, 106.8260

# Square

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



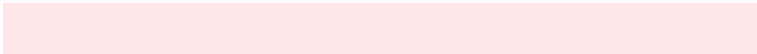
79.2959, 84.7888, 79.2044



75.8689, 84.7888, 96.0948



81.8965, 84.7888, 106.8103



85.5014, 84.7888, 88.6465

# Rectangle

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



79.2959, 84.7888, 79.2044



76.1486, 84.7888, 86.4378



81.8965, 84.7888, 106.8103



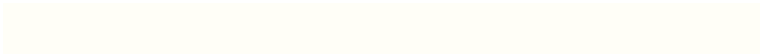
85.1992, 84.7888, 98.4644

# Sweetspot

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



79.2982, 84.7925, 79.2062



93.6111, 99.0541, 102.4647



74.3323, 74.4153, 78.9236



19.9561, 21.1483, 21.5728



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.



79.2982, 84.7925, 79.2062



90.4447, 96.9289, 88.4375



77.0963, 84.5246, 79.2706



16.9870, 18.1872, 16.7649



33.3359, 37.4698, 5.4754



2.8103, 3.1912, 0.4678



# Inverse Universe

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



70.7980, 73.0631, 92.8101



79.3578, 81.6302, 106.1813



72.8657, 73.3516, 92.7568



15.0180, 15.4702, 19.9161



8.8173, 3.8588, 45.4080

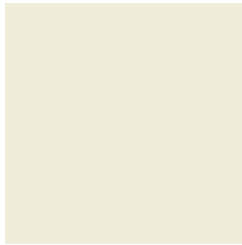


0.7741, 0.4022, 3.7911



# Previews

## White Background



This preview shows how the XYZ color 79.2959, 84.7888, 79.2044 looks on a white background.

## Color Contrast Check

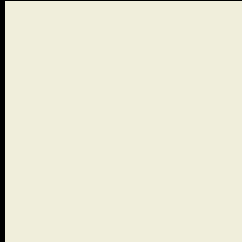
Large Text (above 18pt) WCAG AA × Fail

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 79.2959, 84.7888, 79.2044 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

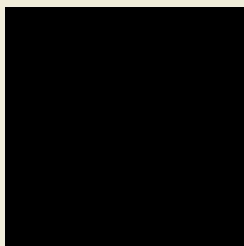
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

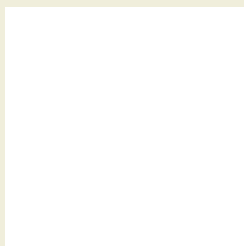
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.2959, 84.7888, 79.2044**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.2959, 84.7888, 79.2044.



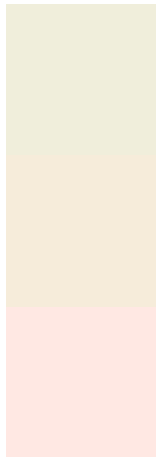
This preview shows how white text looks on a background with the XYZ color 79.2959, 84.7888,



# 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

79.2959, 84.7888, 79.2044

### Protanopia

80.6564, 84.6457, 78.4169

### Deuteranopia

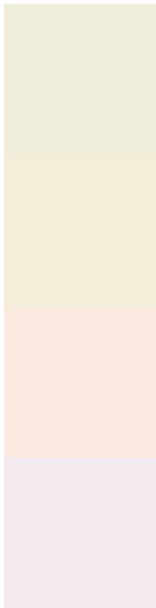
83.9617, 84.5193, 84.5616



## Tritanopia

84.3658, 84.7186, 104.0012

# Trichromacy



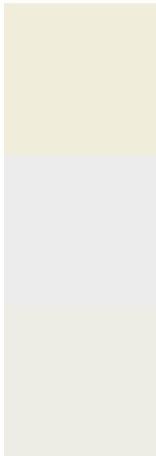
**Original Color**  
79.2959, 84.7888, 79.2044

**Protanomaly**  
80.2473, 84.8634, 78.4805

**Deuteranomaly**  
82.3017, 84.5514, 82.5033

**Tritanomaly**  
82.3987, 84.7626, 94.4560

# Monochromacy



**Original Color**  
79.2959, 84.7888, 79.2044

**Achromatopsia**  
79.7278, 83.8799, 91.3452

**Achromatomaly**  
79.4922, 84.2861, 86.9421

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.2959, 84.7888, 79.2044 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(240, 238, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 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(240, 238, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 79.2959, 84.7888, 79.2044 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(240, 238, 219) }
```

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

```
.border{ border-color:rgb(240, 238, 219) }
```

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

Here you see how a box with a 4 pixel rgb(240, 238, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.2959, 84.7888, 79.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 219) }
```

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

```
.background{ background-color: rgb(240,  
238, 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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