

# Converting Colors

XYZ(79.0199, 83.3002, 73.9699)

Have a look what the booklet for  
XYZ(79.0199, 83.3002, 73.9699)  
contains.

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# **Color**

**XYZ(79.2482, 83.5826,  
74.2436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5EBD4
RGB	245, 235, 212
RGB Percent	96%, 92%, 83%
CMY	0.0392, 0.0784, 0.1686
CMYK	0.00, 0.04, 0.13, 0.04
HSL	42°, 62%, 90%
HSV	42°, 13%, 96%
XYZ	79.2482, 83.5826, 74.2436
YIQ	235.3680, 13.3430, -5.0330

# Conversions

## Conversions Part 2

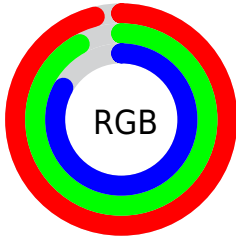
Format	Color
R <sub>Y</sub> B	226, 245, 212
Decimal	16116692
CIE Lab	93.27, -0.38, 12.36
CIE LCh	93, 12.367, 91.783
Yxy	83.5826, 0.3343, 0.3526
Android (android.graphics.Color)	4294306772 (0xFFF5EBD4)
YUV	235.3680, -11.5204, 8.4473
Hunter-Lab	91.4235, -5.2629, 15.8480

# Details

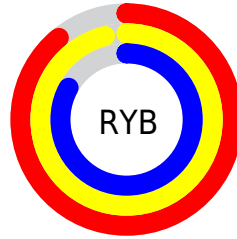
The XYZ color **79.2482, 83.5826, 74.2436** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.7539, 72.8308, 96.7683**, and the grayscale version is **79.3259, 83.4570, 90.8847**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1922, 45.4933, 38.4029** is the 20% darker color. If you saturate the color by 10%, you get **74.3094, 78.2809, 58.4890**, and if you desaturate by 10%, it is **84.7492, 89.2566, 92.5012**.

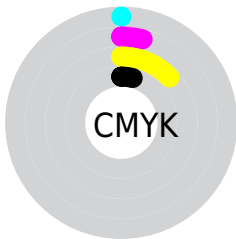
# Distribution



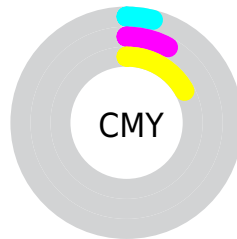
- Red (96%)
- Green (92%)
- Blue (83%)



- Red (89%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (8%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2482, 83.5826, 74.2436 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 79.2482, 83.5826, 74.2436 by changing the saturation by 10% instead.



 79.2482, 83.5826,  
74.2436

 79.2482, 83.5826,  
74.2436

481.1708,  
506.9261, 494.4996

 59.4062, 62.6709,  
54.4954


131.2643,  
138.3911, 126.9783

 43.1878, 45.5750,  
38.6020


164.1692,  
173.0568, 160.8019

 30.2277, 31.9106,  
26.1448


202.1590,  
213.0758, 200.1544

 20.1604, 21.2932,  
16.7053

245.5992,  
258.8327, 245.4544

 12.6206, 13.3385,  
9.8649

294.8552,  
310.7117, 297.1204

 7.2430, 7.6620,  
5.2050

350.2922,

 3.6622, 3.8795,

369.0974, 355.5709

2.3072

412.2756,  
434.3741, 421.2244

■ 1.5129, 1.6064,  
0.7353

■ 0.3346, 0.3619,  
0.0000

■ 79.2482, 83.5826,  
74.2436

■ 79.2482, 83.5826,  
74.2436

■ 74.3094, 78.2809,  
58.4890

■ 84.7492, 89.2566,  
92.5012

■ 69.9039, 73.3298,  
45.1208

■ 89.8448, 94.9091,  
108.1917

■ 66.0102, 68.7219,  
34.0211

■ 91.4665, 98.1527,  
108.7323

■ 62.6025, 64.4449,  
25.0596

■ 59.6526, 60.4859,  
18.0929

■ 57.1286, 56.8302,  
12.9595

■ 54.9941, 53.4613,  
9.4730

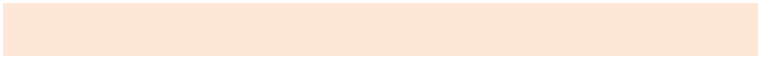
■ 53.2049, 50.3597,  
7.4065

■ 52.1805, 48.4605,  
6.6036

# Harmonies

## Analogous

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



82.4384, 83.5826, 76.1109



79.2482, 83.5826, 74.2436



76.1921, 83.5826, 76.6070

# Triad

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



79.2482, 83.5826, 74.2436



74.2412, 83.5826, 100.7769



85.0855, 83.5826, 99.7466

# Complementary

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



79.2482, 83.5826, 74.2436



69.7539, 72.8308, 96.7683

# Split Complementary

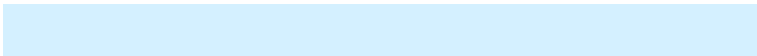
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7846, 83.5826, 107.1076



79.2482, 83.5826, 74.2436



76.5206, 83.5826, 107.7305

# Square

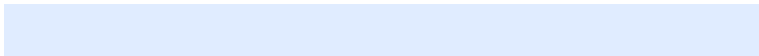
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2482, 83.5826, 74.2436



73.3507, 83.5826, 91.5660



79.6376, 83.5826, 110.1215

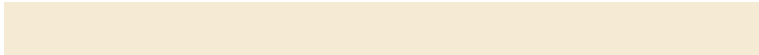


85.8631, 83.5826, 90.4507



# Rectangle

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



79.2482, 83.5826, 74.2436



74.6269, 83.5826, 80.3642



79.6376, 83.5826, 110.1215



84.4615, 83.5826, 102.5508

# Sweetspot

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



79.2505, 83.5863, 74.2454



92.4732, 97.4050, 100.1534



74.4459, 71.7987, 79.3598



19.6918, 20.7458, 21.0958



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.



79.2505, 83.5863, 74.2454



85.3468, 90.0125, 76.6282



80.1167, 88.4012, 75.1291



17.4663, 18.4167, 17.4318



28.2379, 26.3614, 3.6000



2.5719, 2.4971, 0.3464



# Inverse Universe

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



69.7539, 72.8308, 96.7683



73.1882, 76.2428, 105.4666



68.9544, 68.5939, 95.9926



15.9904, 16.7451, 20.9319



10.3117, 6.4171, 47.2332

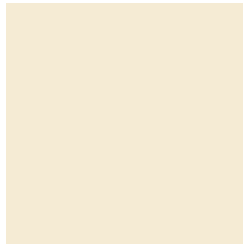


0.9929, 0.7372, 4.1802



# Previews

## White Background



This preview shows how the XYZ color 79.2482, 83.5826, 74.2436 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

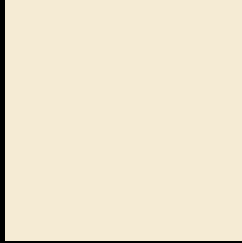
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.2482, 83.5826, 74.2436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

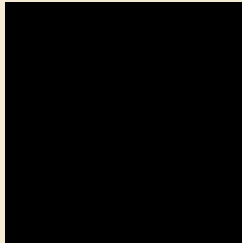
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

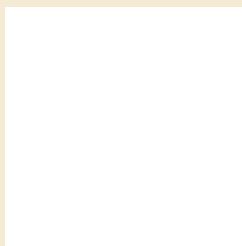
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.2482, 83.5826, 74.2436**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.2482, 83.5826, 74.2436.



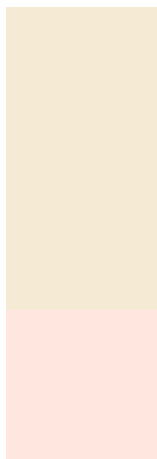
This preview shows how white text looks on a background with the XYZ color 79.2482, 83.5826,

74.2436.

# 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

79.2482, 83.5826, 74.2436

### Protanopia

79.2482, 83.5826, 74.2436

### Deuteranopia

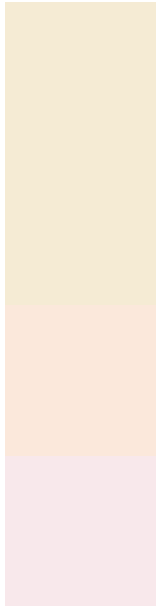
83.1352, 83.7395, 81.5937



## Tritanopia

84.6644, 83.6949, 100.4994

# Trichromacy



## Original Color

79.2482, 83.5826, 74.2436

## Protanomaly

79.2482, 83.5826, 74.2436

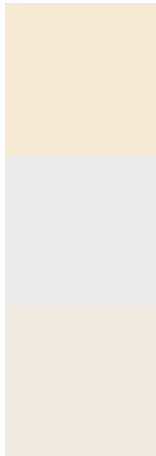
## Deuteranomaly

81.4265, 83.3369, 78.8118

## Tritanomaly

82.5634, 83.6678, 90.3952

# Monochromacy



## Original Color

79.2482, 83.5826, 74.2436

## Achromatopsia

78.9647, 83.0770, 90.4708

## Achromatomaly

79.1701, 83.3134, 84.5814

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.2482, 83.5826, 74.2436 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(245, 235, 212) looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 212)  
}
```

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(245, 235, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 79.2482, 83.5826, 74.2436 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(245, 235, 212) }
```



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

```
.border{ border-color:rgb(245, 235, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 212);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
212) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.2482, 83.5826, 74.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 212) }
```

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

```
.background{ background-color: rgb(245,  
235, 212) }
```

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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