

# Converting Colors

XYZ(79.9773, 84.6883, 79.4084)

Have a look what the booklet for  
XYZ(79.9773, 84.6883, 79.4084)  
contains.

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# Color

**XYZ(80.0325, 84.7375,  
79.1556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3EDDB
RGB	243, 237, 219
RGB Percent	95%, 93%, 86%
CMY	0.0471, 0.0706, 0.1412
CMYK	0.00, 0.02, 0.10, 0.05
HSL	45°, 50%, 91%
HSV	45°, 10%, 95%
XYZ	80.0325, 84.7375, 79.1556
YIQ	236.7420, 9.3540, -4.3260

# Conversions

## Conversions Part 2

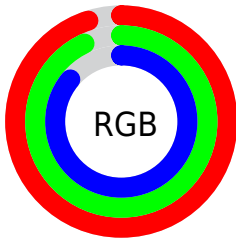
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 243, 219
Decimal	15986139
CIE Lab	93.77, -1.00, 9.42
CIE LCh	94, 9.478, 96.037
Yxy	84.7375, 0.3281, 0.3474
Android (android.graphics.Color)	4294176219 (0xFFF3EDDB)
YUV	236.7420, -8.7468, 5.4883
Hunter-Lab	92.0530, -5.9016, 13.4541

# Details

The XYZ color **80.0325, 84.7375, 79.1556** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.3161, 75.3802, 95.5333**, and the grayscale version is **80.3599, 84.5449, 92.0694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7182, 46.2929, 41.7532** is the 20% darker color. If you saturate the color by 10%, you get **75.3370, 80.0973, 62.9427**, and if you desaturate by 10%, it is **85.2592, 89.6910, 97.8516**.

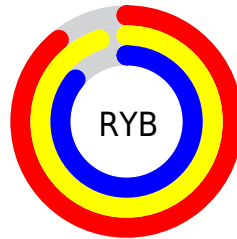
# Distribution



Red (95%)

Green (93%)

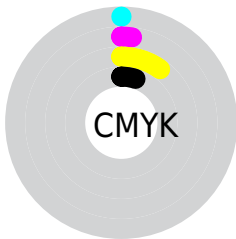
Blue (86%)



Red (89%)

Yellow (95%)

Blue (86%)

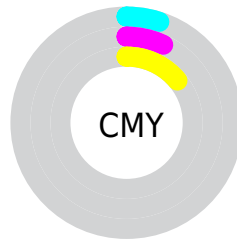


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (7%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0325, 84.7375, 79.1556 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 80.0325, 84.7375, 79.1556 by changing the saturation by 10% instead.



80.0325, 84.7375,  
79.1556

80.0325, 84.7375,  
79.1556

483.7772,  
510.7591, 511.7141

60.0537, 63.6245,  
58.5017

132.3617,  
140.0064, 133.9785

43.7115, 46.3466,  
41.7947

165.4428,  
174.9310, 168.9846

30.6407, 32.5194,  
28.6162

203.6220,  
215.2284, 209.6119

20.4759, 21.7586,  
18.5476

247.2647,  
261.2828, 256.2788

12.8517, 13.6796,  
11.1704

296.7362,  
313.4787, 309.4039

7.4028, 7.8982,  
6.0659

352.4019,

3.7638, 4.0299,

372.2004, 369.4059

2.8158

414.6271,  
437.8324, 436.7031

■ 1.5694, 1.6903,  
1.0014

■ 0.3723, 0.4173,  
0.0000

■ 80.0325, 84.7375,  
79.1556

■ 80.0325, 84.7375,  
79.1556

■ 75.3370, 80.0973,  
62.9427

■ 85.2592, 89.6910,  
97.8516

■ 71.1450, 75.7499,  
49.1011

■ 88.9335, 94.1169,  
108.0868

■ 67.4367, 71.6894,  
37.5186

■ 90.7725, 97.7949,  
108.6998

■ 64.1881, 67.9051,  
28.0718

■ 61.3727, 64.3855,  
20.6251

■ 58.9615, 61.1181,  
15.0277

■ 56.9211, 58.0883,  
11.1069

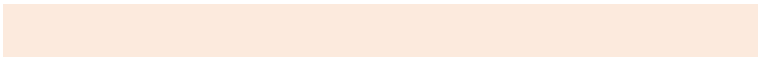
■ 55.2117, 55.2794,  
8.6573

■ 53.7685, 52.6643,  
7.3400

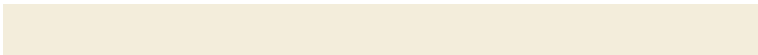
# Harmonies

## Analogous

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



82.5222, 84.7375, 80.1692



80.0325, 84.7375, 79.1556



77.7265, 84.7375, 81.5039

# Triad

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



80.0325, 84.7375, 79.1556



76.6898, 84.7375, 100.6619



85.0446, 84.7375, 98.0096

# Complementary

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



80.0325, 84.7375, 79.1556



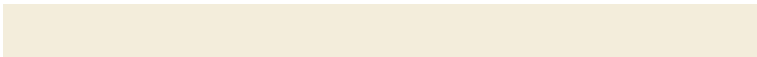
72.3161, 75.3802, 95.5333

# Split Complementary

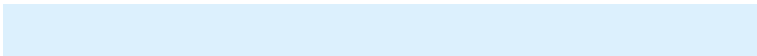
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4215, 84.7375, 103.9333



80.0325, 84.7375, 79.1556



78.5907, 84.7375, 105.5196

# Square

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



80.0325, 84.7375, 79.1556



75.8227, 84.7375, 93.7302



81.0505, 84.7375, 106.7468



85.4500, 84.7375, 90.8146

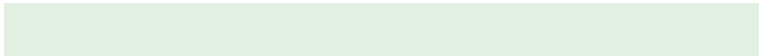


# Rectangle

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



80.0325, 84.7375, 79.1556



76.5926, 84.7375, 84.7358



81.0505, 84.7375, 106.7468



84.6217, 84.7375, 100.2269

# Sweetspot

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



80.0348, 84.7412, 79.1574



93.2360, 98.3038, 102.3396



75.8853, 75.1551, 81.7421



19.8545, 20.9452, 21.5389



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.



80.0348, 84.7412, 79.1574



88.1186, 93.4030, 84.1900



79.7628, 87.2211, 79.6504



17.5436, 18.5714, 17.4576



29.6129, 29.1114, 4.0583



2.6836, 2.7204, 0.3837



# Inverse Universe

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



72.3161, 75.3802, 95.5333



77.7836, 80.8694, 106.1175



72.5616, 73.1429, 95.0885



15.9175, 16.5992, 20.9076



9.8756, 5.5450, 47.0878

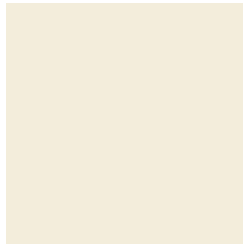


0.9463, 0.6440, 4.1647



# Previews

## White Background



This preview shows how the XYZ color 80.0325, 84.7375, 79.1556 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

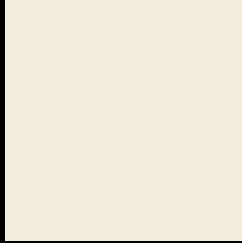
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 80.0325, 84.7375, 79.1556 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

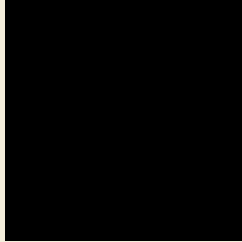
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

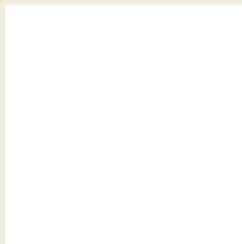
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 80.0325, 84.7375, 79.1556

## Background



This preview shows how black text looks on a background with the XYZ color 80.0325, 84.7375, 79.1556.



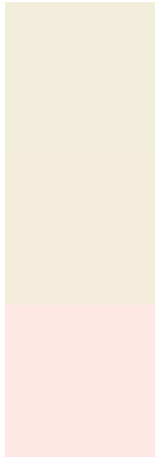
This preview shows how white text looks on a background with the XYZ color 80.0325, 84.7375,

79.1556.

# 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

80.0325, 84.7375, 79.1556

### Protanopia

80.7877, 84.6982, 79.1083

### Deuteranopia

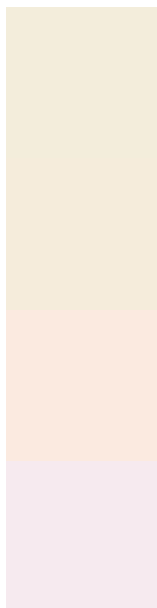
83.9617, 84.5193, 84.5616



## Tritanopia

84.6270, 84.4524, 103.1074

# Trichromacy



## Original Color

80.0325, 84.7375, 79.1556

## Protanomaly

80.4378, 84.5179, 79.0919

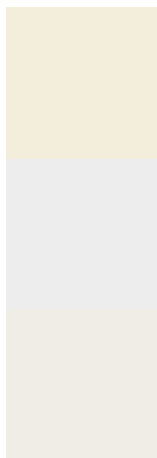
## Deuteranomaly

82.6610, 84.7367, 82.5201

## Tritanomaly

83.0088, 84.6705, 93.6294

# Monochromacy



## Original Color

80.0325, 84.7375, 79.1556

## Achromatopsia

80.4953, 84.6873, 92.2245

## Achromatomaly

80.1637, 84.6323, 86.9735

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 80.0325, 84.7375, 79.1556 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(243, 237, 219) looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 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(243, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 80.0325, 84.7375, 79.1556 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(243, 237, 219) }
```



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

```
.border{ border-color:rgb(243, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 80.0325, 84.7375, 79.1556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 219) }
```

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

```
.background{ background-color: rgb(243,  
237, 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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