

Converting Colors

XYZ(79.6899, 83.4451, 83.8929)

Have a look what the booklet for
XYZ(79.6899, 83.4451, 83.8929)
contains.

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Color

**XYZ(79.7114, 83.6084,
83.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EBE2
RGB	241, 235, 226
RGB Percent	95%, 92%, 89%
CMY	0.0549, 0.0784, 0.1137
CMYK	0.00, 0.02, 0.06, 0.05
HSL	36°, 35%, 92%
HSV	36°, 6%, 95%
XYZ	79.7114, 83.6084, 83.8883
YIQ	235.7680, 6.4650, -1.5270

Conversions

Conversions Part 2

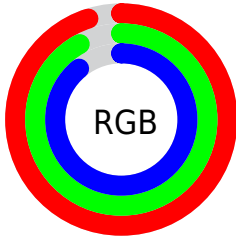
Format	Color
R _Y B	236, 241, 226
Decimal	15854562
CIE Lab	93.28, 0.48, 5.07
CIE LCh	93, 5.089, 84.566
Yxy	83.6084, 0.3224, 0.3382
Android (android.graphics.Color)	4294044642 (0xFFFF1EBE2)
YUV	235.7680, -4.8156, 4.5885
Hunter-Lab	91.4376, -4.4072, 9.6115

Details

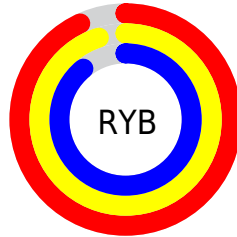
The XYZ color **79.7114, 83.6084, 83.8883** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0977, 80.2316, 94.6955**, and the grayscale version is **79.5855, 83.7302, 91.1822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4784, 45.4948, 45.0179** is the 20% darker color. If you saturate the color by 10%, you get **73.9512, 77.0128, 66.7834**, and if you desaturate by 10%, it is **86.0906, 90.6960, 103.4948**.

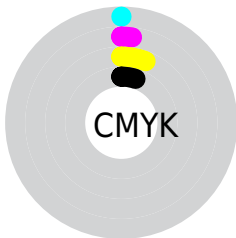
Distribution



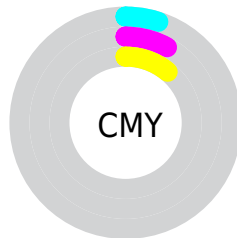
- Red (95%)
- Green (92%)
- Blue (89%)



- Red (93%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7114, 83.6084, 83.8883 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 79.7114, 83.6084, 83.8883 by changing the saturation by 10% instead.

79.7114, 83.6084,
83.8883

79.7114, 83.6084,
83.8883

482.7111,
507.0119, 527.9906

59.7885, 62.6922,
62.3784

131.9126,
138.4273, 140.6792

43.4970, 45.5922,
44.9007

164.9216,
173.0987, 176.7973

30.4715, 31.9242,
31.0369

203.0233,
213.1239, 218.6219

20.3466, 21.3036,
20.3682

246.5832,
258.8875, 266.5715

12.7570, 13.3461,
12.4763

295.9666,
310.7736, 321.0646

7.3372, 7.6673,
6.9424

351.5388,

3.7221, 3.8828,

369.1668, 382.5198

3.3482

413.6651,
434.4515, 451.3556

■ 1.5461, 1.6082,
1.2751

■ 0.3569, 0.3631,
0.0412

■ 79.7114, 83.6084,
83.8883

■ 79.7114, 83.6084,
83.8883

■ 73.9512, 77.0128,
66.7834

■ 86.0906, 90.6960,
103.4948

■ 68.7813, 70.8859,
52.0722

■ 89.8541, 96.9772,
108.5904

■ 64.1810, 65.2182,
39.6473

■ 90.0860, 97.4410,
108.6677

■ 60.1256, 59.9960,
29.3904

■ 56.5883, 55.2044,
21.1730

■ 53.5396, 50.8276,
14.8525

■ 50.9464, 46.8480,
10.2678

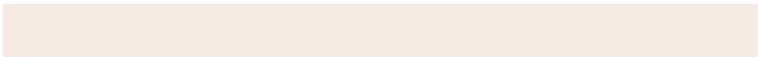
■ 48.7703, 43.2458,
7.2304

■ 46.9643, 39.9978,
5.5064

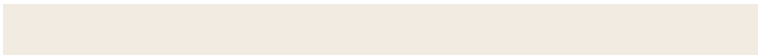
Harmonies

Analogous

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



80.9698, 83.6084, 85.1569



79.7114, 83.6084, 83.8883



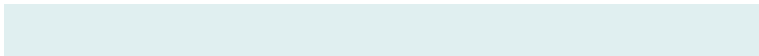
78.4014, 83.6084, 84.4906

Triad

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



79.7114, 83.6084, 83.8883



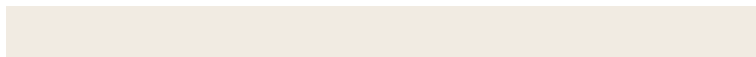
77.1479, 83.6084, 94.1364



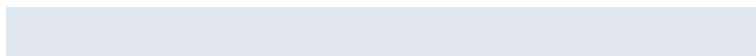
81.5842, 83.6084, 95.3788

Complementary

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



79.7114, 83.6084, 83.8883



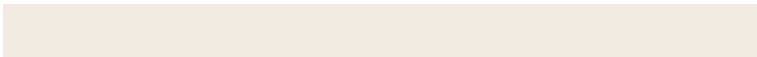
76.0977, 80.2316, 94.6955

Split Complementary

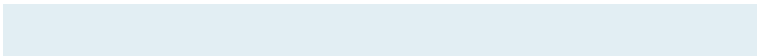
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5428, 83.6084, 97.9096



79.7114, 83.6084, 83.8883



77.9835, 83.6084, 97.1783

Square

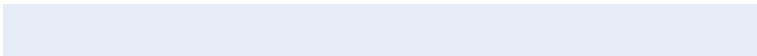
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



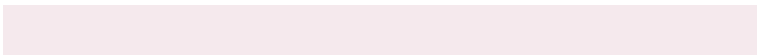
79.7114, 83.6084, 83.8883



76.9309, 83.6084, 90.3387



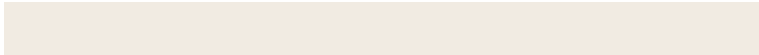
79.2237, 83.6084, 98.5772



82.0588, 83.6084, 91.7356

Rectangle

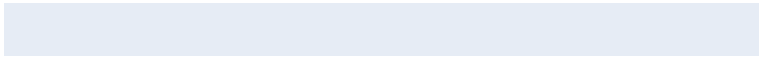
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7114, 83.6084, 83.8883



77.6737, 83.6084, 85.8810



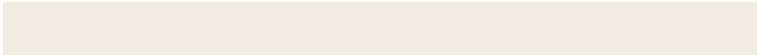
79.2237, 83.6084, 98.5772



81.2883, 83.6084, 96.3919

Sweetspot

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



79.7137, 83.6120, 83.8901



93.5928, 98.3821, 104.4171



78.0386, 78.9209, 87.4652



20.0480, 21.0749, 22.3965



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.



79.7137, 83.6120, 83.8901



90.0740, 94.4352, 93.7161



80.9494, 86.8405, 84.4481



16.8011, 17.6087, 17.3401



25.2705, 21.3391, 2.7870



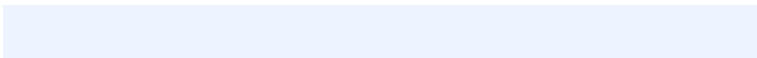
2.1993, 1.9693, 0.2642

Inverse Universe

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



76.0977, 80.2316, 94.6955



85.4616, 90.1232, 107.4990



74.9112, 77.1572, 94.1646



15.8721, 16.7402, 20.1162



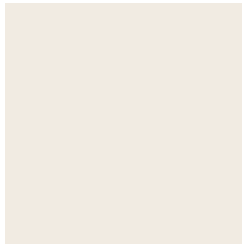
11.0178, 8.2599, 46.1415



1.0113, 0.8766, 3.8701

Previews

White Background



This preview shows how the XYZ color 79.7114, 83.6084, 83.8883 looks on a white background.

Color Contrast Check

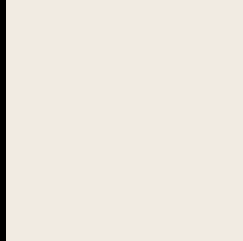
Large Text (above 18pt) WCAG AA × Fail

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 79.7114, 83.6084, 83.8883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

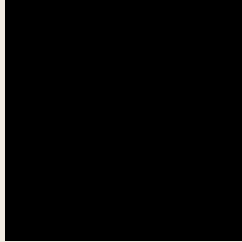
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

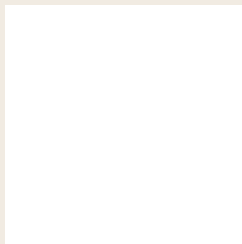
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7114, 83.6084, 83.8883

Background



This preview shows how black text looks on a background with the XYZ color 79.7114, 83.6084, 83.8883.



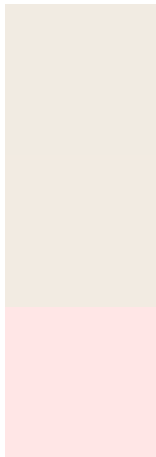
This preview shows how white text looks on a background with the XYZ color 79.7114, 83.6084,

83.8883.

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

79.7114, 83.6084, 83.8883

Protanopia

80.0537, 83.7849, 83.9043

Deuteranopia

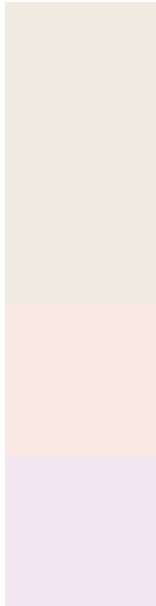
83.8197, 83.5668, 86.5751



Tritanopia

83.1395, 83.2871, 102.1366

Trichromacy



Original Color

79.7114, 83.6084, 83.8883

Protanomaly

80.0537, 83.7849, 83.9043

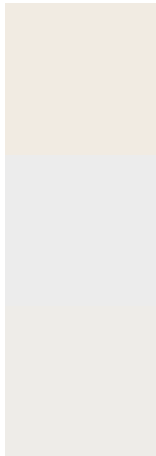
Deuteranomaly

82.4238, 83.6944, 85.9392

Tritanomaly

81.6959, 83.1188, 94.9568

Monochromacy



Original Color

79.7114, 83.6084, 83.8883

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.8208, 83.9942, 88.3494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7114, 83.6084, 83.8883 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, 235, 226) looks like.

```
.text, #text, p{  
    color:rgb(241, 235, 226)  
}
```

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, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 235, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.7114, 83.6084, 83.8883 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, 235, 226) }
```


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

```
.border{ border-color:rgb(241, 235, 226) }
```

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

Here you see how a box with a 4 pixel rgb(241, 235, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 235,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7114, 83.6084, 83.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 235, 226) }
```

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

```
.background{ background-color: rgb(241,  
235, 226) }
```

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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