

Converting Colors

XYZ(79.7664, 85.1356, 74.5160)

Have a look what the booklet for XYZ(79.7664, 85.1356, 74.5160) contains.

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Color

**XYZ(79.7664, 85.1356,
74.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EED4
RGB	244, 238, 212
RGB Percent	96%, 93%, 83%
CMY	0.0431, 0.0666, 0.1686
CMYK	0.00, 0.02, 0.13, 0.04
HSL	49°, 59%, 89%
HSV	49°, 13%, 96%
XYZ	79.7664, 85.1356, 74.5160
YIQ	236.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

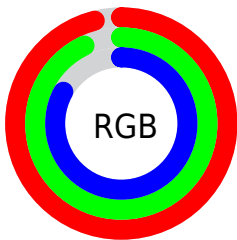
Format	Color
R _Y B	219, 244, 212
Decimal	16051924
CIE Lab	93.94, -2.26, 13.31
CIE LCh	94, 13.496, 99.642
Yxy	85.1356, 0.3332, 0.3556
Android (android.graphics.Color)	4294242004 (0xFFFF4EED4)
YUV	236.8300, -12.2412, 6.2881
Hunter-Lab	92.2690, -7.1576, 16.7059

Details

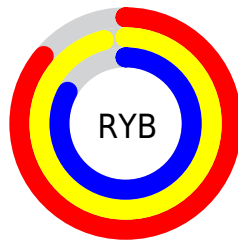
The XYZ color **79.7664, 85.1356, 74.5160** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.5517, 70.6701, 95.6163**, and the grayscale version is **80.4522, 84.6420, 92.1751**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5528, 46.5816, 38.5940** is the 20% darker color. If you saturate the color by 10%, you get **75.6049, 81.3712, 59.0736**, and if you desaturate by 10%, it is **84.4316, 89.1612, 92.4232**.

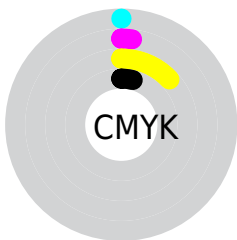
Distribution



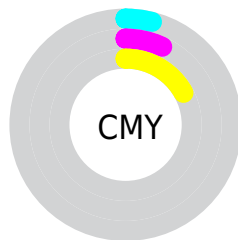
- Red (96%)
- Green (93%)
- Blue (83%)



- Red (86%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7664, 85.1356, 74.5160 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 79.7664, 85.1356, 74.5160 by changing the saturation by 10% instead.

79.7664, 85.1356,
74.5160

79.7664, 85.1356,
74.5160

482.8938,
512.0767, 495.4633

59.8339, 63.9534,
54.7171

131.9895,
140.5626, 127.3678

43.5338, 46.6130,
38.7782

165.0109,
175.5762, 161.2578

30.5005, 32.7298,
26.2807

203.1259,
215.9692, 200.6819

20.3687, 21.9195,
16.8061

246.7000,
262.1257, 246.0587

12.7732, 13.7978,
9.9359

296.0985,
314.4304, 297.8067

7.3485, 7.9802,
5.2514

351.6867,

3.7292, 4.0823,

373.2675, 356.3444

2.3342

413.8300,
439.0214, 422.0905

■ 1.5501, 1.7197,
0.7503

■ 0.3596, 0.4364,
0.0000

■ 79.7664, 85.1356,
74.5160

■ 79.7664, 85.1356,
74.5160

■ 75.6049, 81.3712,
59.0736

■ 84.4316, 89.1612,
92.4232

■ 71.9190, 77.8479,
45.9807

■ 88.6647, 93.0657,
107.8981

■ 68.6885, 74.5600,
35.1214

■ 90.0810, 95.8982,
108.3702

■ 65.8887, 71.4973,
26.3673

■ 91.1185, 97.9733,
108.7160

■ 63.4926, 68.6485,
19.5772

■ 61.4698, 66.0011,
14.5925

■ 59.7853, 63.5407,
11.2298

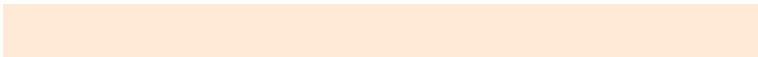
■ 58.3965, 61.2498,
9.2668

■ 57.5685, 59.7532,
8.4993

Harmonies

Analogous

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



83.3479, 85.1356, 75.3465



79.7664, 85.1356, 74.5160



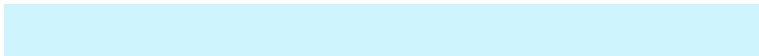
76.5877, 85.1356, 78.2719

Triad

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



79.7664, 85.1356, 74.5160



75.7109, 85.1356, 105.9128



87.5752, 85.1356, 99.7584

Complementary

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



79.7664, 85.1356, 74.5160



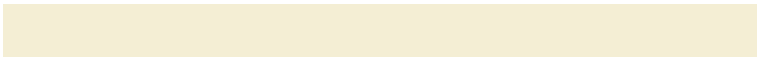
68.5517, 70.6701, 95.6163

Split Complementary

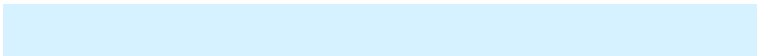
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4102, 85.1356, 108.7964



79.7664, 85.1356, 74.5160



78.5374, 85.1356, 112.5281

Square

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



79.7664, 85.1356, 74.5160



74.2925, 85.1356, 96.0542



82.0823, 85.1356, 113.6208



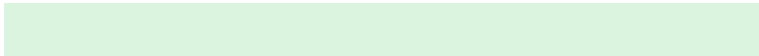
87.9279, 85.1356, 89.4213

Rectangle

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



79.7664, 85.1356, 74.5160



75.0986, 85.1356, 83.0470



82.0823, 85.1356, 113.6208



87.0323, 85.1356, 103.0696

Sweetspot

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



79.7687, 85.1394, 74.5178



92.8443, 98.1472, 100.2771



73.5600, 71.4041, 76.5109



19.7859, 20.9341, 21.1272



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.



79.7687, 85.1394, 74.5178



86.7730, 92.8649, 77.1036



78.2984, 87.0159, 74.9575



17.6353, 18.7548, 17.4881



31.3971, 32.6798, 4.6530



2.8261, 3.0055, 0.4312

Inverse Universe

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



68.5517, 70.6701, 95.6163



71.9198, 73.7059, 105.0438



69.8755, 69.0863, 95.2408



15.8323, 16.4289, 20.8792



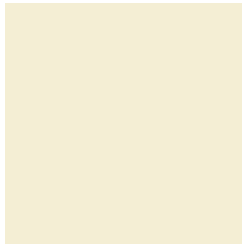
9.4762, 4.7463, 46.9547



0.8999, 0.5512, 4.1492

Previews

White Background



This preview shows how the XYZ color 79.7664, 85.1356, 74.5160 looks on a white background.

Color Contrast Check

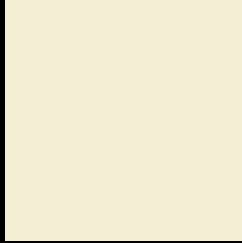
Large Text (above 18pt) WCAG AA × Fail

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 79.7664, 85.1356, 74.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

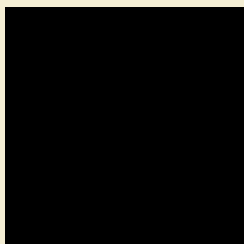
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7664, 85.1356, 74.5160

Background



This preview shows how black text looks on a background with the XYZ color 79.7664, 85.1356, 74.5160.



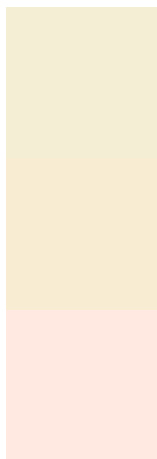
This preview shows how white text looks on a background with the XYZ color 79.7664, 85.1356,

74.5160.

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

79.7664, 85.1356, 74.5160

Protanopia

80.7535, 85.2280, 73.8225

Deuteranopia

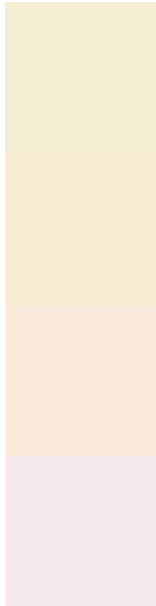
83.9695, 84.9741, 83.2101



Tritanopia

85.3361, 84.8180, 103.1406

Trichromacy



Original Color

79.7664, 85.1356, 74.5160

Protanomaly

80.3998, 85.0457, 73.8059

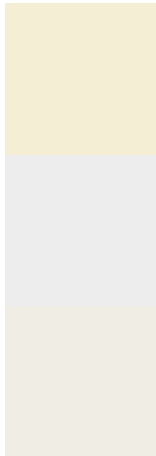
Deuteranomaly

82.4103, 85.0932, 79.7913

Tritanomaly

83.0667, 84.7342, 92.0980

Monochromacy



Original Color

79.7664, 85.1356, 74.5160

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.2230, 84.6951, 85.5184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7664, 85.1356, 74.5160 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(244, 238, 212)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 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(244, 238, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 212) }
```

Border

The CSS property to change the border of an element to XYZ 79.7664, 85.1356, 74.5160 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(244, 238, 212) }
```


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

```
.border{ border-color:rgb(244, 238, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 212);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7664, 85.1356, 74.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 212) }
```

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

```
.background{ background-color: rgb(244,  
238, 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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