

Converting Colors

XYZ(79.2164, 83.0750, 75.3977)

Have a look what the booklet for
XYZ(79.2164, 83.0750, 75.3977)
contains.

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Color

**XYZ(79.2166, 83.1132,
75.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EAD6
RGB	245, 234, 214
RGB Percent	96%, 92%, 84%
CMY	0.0392, 0.0823, 0.1608
CMYK	0.00, 0.04, 0.13, 0.04
HSL	39°, 61%, 90%
HSV	39°, 13%, 96%
XYZ	79.2166, 83.1132, 75.4856
YIQ	235.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

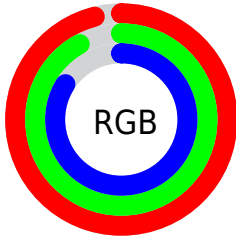
Format	Color
RYB	231, 245, 214
Decimal	16116438
CIELab	93.06, 0.44, 11.03
CIElCh	93, 11.040, 87.737
Yxy	83.1132, 0.3331, 0.3495
Android (android.graphics.Color)	4294306518 (0xFFF5EAD6)
YUV	235.0090, -10.3574, 8.7621
Hunter-Lab	91.1664, -4.4386, 14.7245

Details

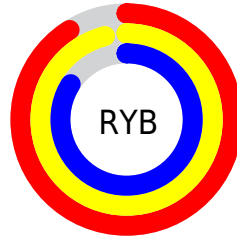
The XYZ color **79.2166, 83.1132, 75.4856** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.1379, 74.7376, 97.0633**, and the grayscale version is **79.0439, 83.1603, 90.5616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1647, 45.1628, 39.2432** is the 20% darker color. If you saturate the color by 10%, you get **73.9072, 77.1303, 59.4224**, and if you desaturate by 10%, it is **85.1226, 89.5345, 94.0715**.

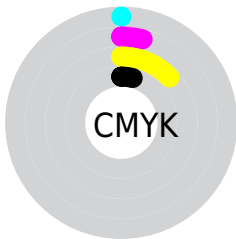
Distribution



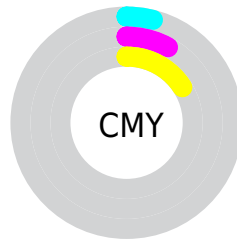
- Red (96%)
- Green (92%)
- Blue (84%)



- Red (91%)
- Yellow (96%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2166, 83.1132, 75.4856 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 79.2166, 83.1132, 75.4856 by changing the saturation by 10% instead.

79.2166, 83.1132,
75.4856

79.2166, 83.1132,
75.4856

481.0656,
505.3637, 498.8849

59.3802, 62.2835,
55.5067

131.2201,
137.7340, 128.7529

43.1668, 45.2618,
39.4062

164.1178,
172.2939, 162.8784

30.2111, 31.6637,
26.7656

202.1000,
212.1994, 202.5565

20.1477, 21.1048,
17.1664

245.5321,
257.8348, 248.2057

12.6114, 13.2006,
10.1900

294.7793,
309.5845, 300.2446

7.2366, 7.5668,
5.4179

350.2070,

3.6582, 3.8191,

367.8330, 359.0918

2.4315

412.1807,
432.9646, 425.1657

■ 1.5106, 1.5729,
0.8035

■ 0.3330, 0.3392,
0.0000

■ 79.2166, 83.1132,
75.4856

■ 79.2166, 83.1132,
75.4856

■ 73.9072, 77.1303,
59.4224

■ 85.1226, 89.5345,
94.0715

■ 69.1649, 71.5628,
45.7657

■ 90.3242, 95.8681,
108.3515

■ 64.9677, 66.4020,
34.3980

■ 91.4665, 98.1526,
108.7323

■ 61.2893, 61.6344,
25.1898

■ 58.1010, 57.2456,
17.9985

■ 55.3706, 53.2197,
12.6645

■ 53.0612, 49.5390,
9.0032

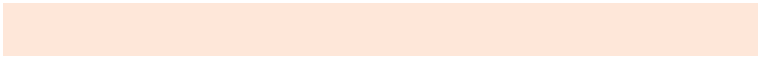
■ 51.1288, 46.1825,
6.7916

■ 49.9011, 43.9019,
5.8438

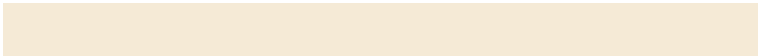
Harmonies

Analogous

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



82.0049, 83.1132, 77.6761



79.2166, 83.1132, 75.4856



76.4346, 83.1132, 77.1090

Triad

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



79.2166, 83.1132, 75.4856



74.1723, 83.1132, 98.1188



83.7968, 83.1132, 99.2740

Complementary

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



79.2166, 83.1132, 75.4856



71.1379, 74.7376, 97.0633

Split Complementary

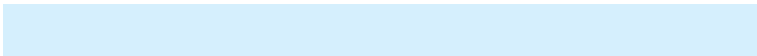
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6152, 83.1132, 105.3495



79.2166, 83.1132, 75.4856



76.0628, 83.1132, 104.6544

Square

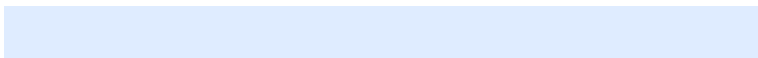
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2166, 83.1132, 75.4856



73.5650, 83.1132, 89.8681



78.7770, 83.1132, 107.3753



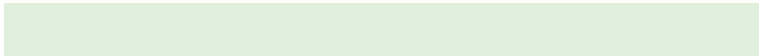
84.6892, 83.1132, 91.1271

Rectangle

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



79.2166, 83.1132, 75.4856



74.9490, 83.1132, 80.1942



78.7770, 83.1132, 107.3753



83.1874, 83.1132, 101.6446

Sweetspot

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



79.2189, 83.1169, 75.4874



92.3076, 97.0738, 100.0982



75.3444, 72.9630, 81.6099



19.6498, 20.6619, 21.0819



0.0000, 0.0000, 0.0000



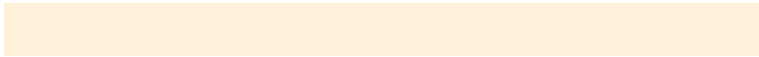
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2189, 83.1169, 75.4874



85.3157, 89.4243, 78.2393



81.0209, 88.8379, 76.4967



17.3913, 18.2668, 17.4068



27.0178, 23.9213, 3.1933



2.4712, 2.2957, 0.3129

Inverse Universe

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



71.1379, 74.7376, 97.0633



74.9760, 78.7034, 105.8474



69.4824, 69.6129, 96.1614



16.0620, 16.8884, 20.9558



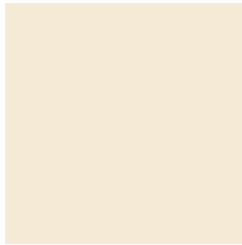
10.8285, 7.4507, 47.4054



1.0449, 0.8412, 4.1975

Previews

White Background



This preview shows how the XYZ color 79.2166, 83.1132, 75.4856 looks on a white background.

Color Contrast Check

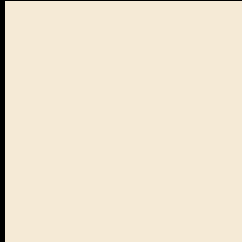
Large Text (above 18pt) WCAG AA × Fail

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 79.2166, 83.1132, 75.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

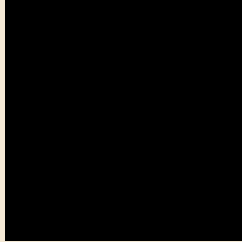
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2166, 83.1132, 75.4856

Background



This preview shows how black text looks on a background with the XYZ color 79.2166, 83.1132, 75.4856.



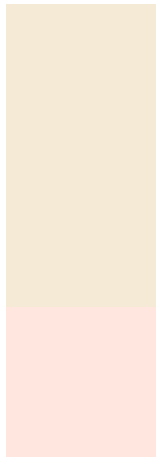
This preview shows how white text looks on a background with the XYZ color 79.2166, 83.1132,

75.4856.

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

79.2166, 83.1132, 75.4856

Protanopia

78.8686, 82.9338, 75.4693

Deuteranopia

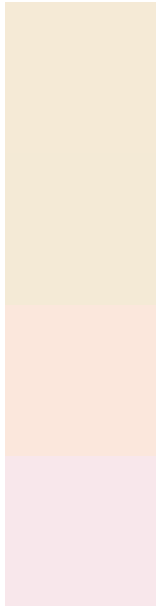
82.8561, 83.1813, 81.5007



Tritanopia

84.2322, 83.0780, 99.5918

Trichromacy



Original Color

79.2166, 83.1132, 75.4856

Protanomaly

78.8686, 82.9338, 75.4693

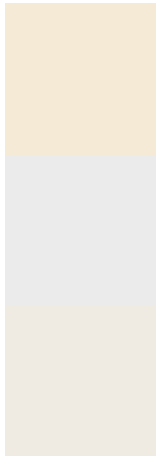
Deuteranomaly

81.2778, 82.8284, 79.4138

Tritanomaly

82.2827, 83.1064, 90.3016

Monochromacy



Original Color

79.2166, 83.1132, 75.4856

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 79.2166, 83.1132, 75.4856 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, 234, 214) looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 214)  
}
```

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, 234, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 214) }
```

Border

The CSS property to change the border of an element to XYZ 79.2166, 83.1132, 75.4856 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, 234, 214) }
```


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

```
.border{ border-color:rgb(245, 234, 214) }
```

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

Here you see how a box with a 4 pixel rgb(245, 234, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2166, 83.1132, 75.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 214) }
```

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

```
.background{ background-color: rgb(245,  
234, 214) }
```

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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