

Converting Colors

XYZ(79.2116, 83.7090, 76.9191)

Have a look what the booklet for
XYZ(79.2116, 83.7090, 76.9191)
contains.

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Color

**XYZ(79.0651, 83.4292,
76.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EBD8
RGB	243, 235, 216
RGB Percent	95%, 92%, 85%
CMY	0.0471, 0.0784, 0.1529
CMYK	0.00, 0.03, 0.11, 0.05
HSL	42°, 53%, 90%
HSV	42°, 11%, 95%
XYZ	79.0651, 83.4292, 76.9020
YIQ	235.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

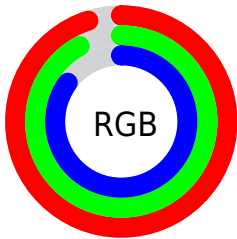
Format	Color
RYB	227, 243, 216
Decimal	15985624
CIELab	93.20, -0.46, 10.17
CIELCh	93, 10.179, 92.586
Yxy	83.4292, 0.3303, 0.3485
Android (android.graphics.Color)	4294175704 (0xFFFF3EBD8)
YUV	235.2260, -9.4784, 6.8178
Hunter-Lab	91.3396, -5.3316, 14.0194

Details

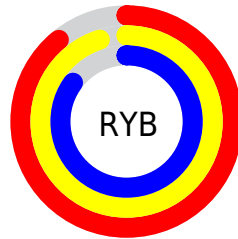
The XYZ color **79.0651, 83.4292, 76.9020** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.1520, 74.3798, 95.4013**, and the grayscale version is **79.2038, 83.3286, 90.7448**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0466, 45.3782, 40.2083** is the 20% darker color. If you saturate the color by 10%, you get **74.1351, 78.2299, 60.8886**, and if you desaturate by 10%, it is **84.5477, 88.9884, 95.3937**.

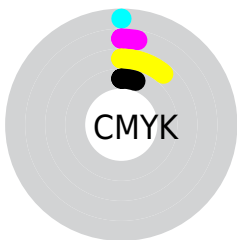
Distribution



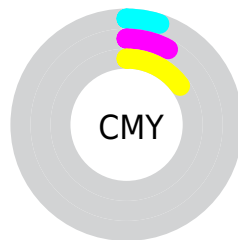
- Red (95%)
- Green (92%)
- Blue (85%)



- Red (89%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0651, 83.4292, 76.9020 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 79.0651, 83.4292, 76.9020 by changing the saturation by 10% instead.

79.0651, 83.4292,
76.9020

79.0651, 83.4292,
76.9020

480.5612,
506.4158, 503.8586

59.2551, 62.5443,
56.6614

131.0079,
138.1764, 130.7729

43.0657, 45.4726,
40.3259

163.8716,
172.8075, 165.2402

30.1314, 31.8299,
27.4770

201.8171,
212.7895, 205.2868

20.0869, 21.2316,
17.6962

245.2099,
258.5067, 251.3313

12.5669, 13.2934,
10.5649

294.4154,
310.3435, 303.7922

7.2059, 7.6309,
5.6646

349.7989,

3.6387, 3.8597,

368.6844, 363.0880

2.5768

411.7257,
433.9137, 429.6373

■ 1.4998, 1.5954,
0.8804

■ 0.3257, 0.3545,
0.0000

■ 79.0651, 83.4292,
76.9020

■ 79.0651, 83.4292,
76.9020

■ 74.1351, 78.2299,
60.8886

■ 84.5477, 88.9884,
95.3937

■ 69.7295, 73.3693,
47.2407

■ 89.0111, 94.2721,
108.1127

■ 65.8278, 68.8406,
35.8450

■ 90.7724, 97.7948,
108.6998

■ 62.4054, 64.6321,
26.5764

■ 59.4352, 60.7315,
19.2978

■ 56.8870, 57.1250,
13.8557

■ 54.7266, 53.7972,
10.0741

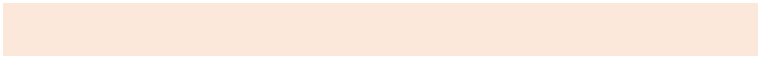
■ 52.9127, 50.7298,
7.7421

■ 51.5337, 48.1973,
6.5869

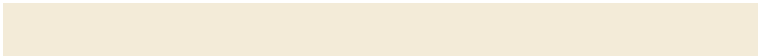
Harmonies

Analogous

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



81.6893, 83.4292, 78.3786



79.0651, 83.4292, 76.9020



76.5584, 83.4292, 78.9826

Triad

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



79.0651, 83.4292, 76.9020



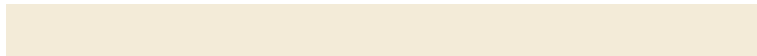
75.0406, 83.4292, 99.0085



83.9521, 83.4292, 97.7943

Complementary

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



79.0651, 83.4292, 76.9020



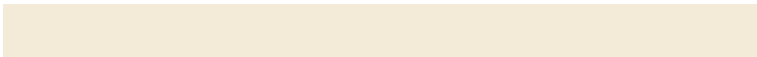
71.1520, 74.3798, 95.4013

Split Complementary

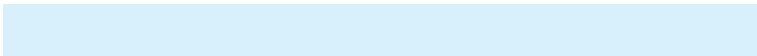
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1000, 83.4292, 103.8289



79.0651, 83.4292, 76.9020



76.9517, 83.4292, 104.5572

Square

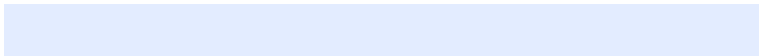
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0651, 83.4292, 76.9020



74.2678, 83.4292, 91.5065



79.5293, 83.4292, 106.3684



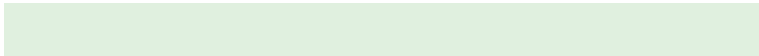
84.5482, 83.4292, 90.1772

Rectangle

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



79.0651, 83.4292, 76.9020



75.2805, 83.4292, 82.1791



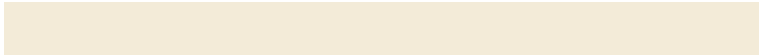
79.5293, 83.4292, 106.3684



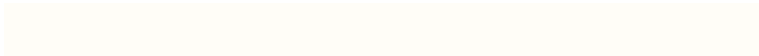
83.4537, 83.4292, 100.0894

Sweetspot

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



79.0674, 83.4329, 76.9038



93.1242, 98.0802, 102.3023



74.9871, 73.5548, 80.8384



19.8243, 20.8847, 21.5289



0.0000, 0.0000, 0.0000



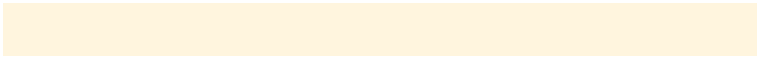
20.3446, 21.4041, 23.3091

Same Dimension

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



79.0674, 83.4329, 76.9038



87.1127, 91.9419, 82.1571



79.5718, 87.1678, 77.5981



17.4761, 18.4364, 17.4351



28.4062, 26.6979, 3.6560



2.5857, 2.5246, 0.3510

Inverse Universe

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



71.1520, 74.3798, 95.4013



76.8910, 80.2515, 106.0452



70.6753, 71.0190, 94.7778



15.9811, 16.7264, 20.9288



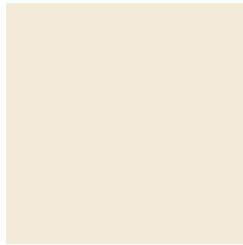
10.2509, 6.2956, 47.2129



0.9866, 0.7245, 4.1781

Previews

White Background



This preview shows how the XYZ color 79.0651, 83.4292, 76.9020 looks on a white background.

Color Contrast Check

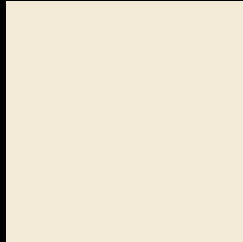
Large Text (above 18pt) WCAG AA × Fail

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 79.0651, 83.4292, 76.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

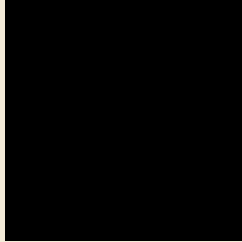
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

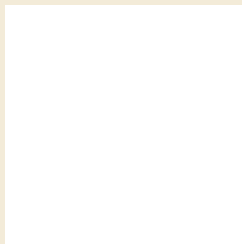
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0651, 83.4292, 76.9020

Background



This preview shows how black text looks on a background with the XYZ color 79.0651, 83.4292, 76.9020.

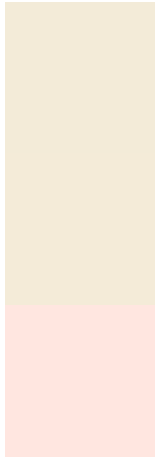


This preview shows how white text looks on a background with the XYZ color 79.0651, 83.4292,

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

79.0651, 83.4292, 76.9020

Protanopia

79.4112, 83.6076, 76.9182

Deuteranopia

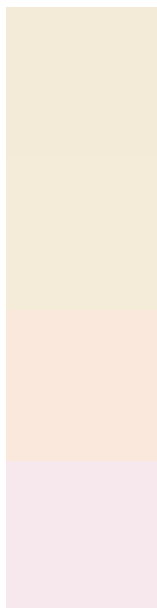
82.9914, 83.2354, 82.2129



Tritanopia

83.9515, 83.3274, 100.4660

Trichromacy



Original Color

79.0651, 83.4292, 76.9020

Protanomaly

79.4112, 83.6076, 76.9182

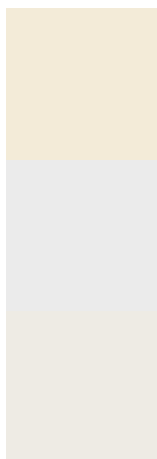
Deuteranomaly

81.6914, 83.4429, 80.2071

Tritanomaly

82.0030, 83.3622, 91.1254

Monochromacy



Original Color

79.0651, 83.4292, 76.9020

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.9718, 83.1952, 85.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0651, 83.4292, 76.9020 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, 235, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 235, 216)  
}
```

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, 235, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 235, 216) }
```

Border

The CSS property to change the border of an element to XYZ 79.0651, 83.4292, 76.9020 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, 235, 216) }
```


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

```
.border{ border-color:rgb(243, 235, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 235, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 235, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 235, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 235,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0651, 83.4292, 76.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 235, 216) }
```

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

```
.background{ background-color: rgb(243,  
235, 216) }
```

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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