

Converting Colors

XYZ(79.0276, 83.7170, 77.7741)

Have a look what the booklet for
XYZ(79.0276, 83.7170, 77.7741)
contains.

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Color

**XYZ(79.1378, 83.8779,
77.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ECD9
RGB	242, 236, 217
RGB Percent	95%, 93%, 85%
CMY	0.0510, 0.0745, 0.1490
CMYK	0.00, 0.02, 0.10, 0.05
HSL	46°, 49%, 90%
HSV	46°, 10%, 95%
XYZ	79.1378, 83.8779, 77.6647
YIQ	235.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

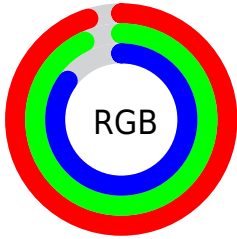
Format	Color
R_{YB}	225, 242, 217
Decimal	15920345
CIE Lab	93.40, -1.16, 9.92
CIE LCh	93, 9.986, 96.656
Yxy	83.8779, 0.3288, 0.3485
Android (android.graphics.Color)	4294110425 (0xFFF2ECD9)
YUV	235.6280, -9.1836, 5.5882
Hunter-Lab	91.5849, -6.0330, 13.8310

Details

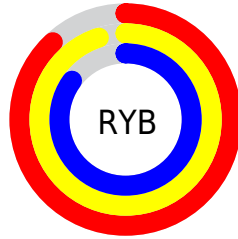
The XYZ color **79.1378, 83.8779, 77.6647** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0299, 73.9366, 94.5328**, and the grayscale version is **79.5091, 83.6498, 91.0946**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0925, 45.6903, 40.7303** is the 20% darker color. If you saturate the color by 10%, you get **74.5750, 79.4252, 61.7362**, and if you desaturate by 10%, it is **84.2211, 88.6313, 96.0459**.

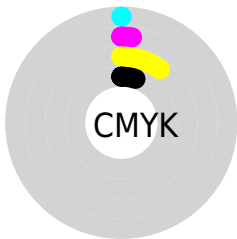
Distribution



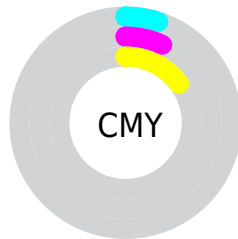
- Red (95%)
- Green (93%)
- Blue (85%)



- Red (88%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1378, 83.8779, 77.6647 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 79.1378, 83.8779, 77.6647 by changing the saturation by 10% instead.


 79.1378, 83.8779,
77.6647

 79.1378, 83.8779,
77.6647


480.8033,
507.9077, 506.5251

 59.3151, 62.9146,
57.2838


131.1097,
138.8044, 131.8589

 43.1142, 45.7722,
40.8222

163.9897,
173.5363, 166.5093

 30.1696, 32.0661,
27.8616


201.9529,
213.6267, 206.7532

 20.1161, 21.4120,
17.9832

245.3645,
259.4598, 253.0092

 12.5882, 13.4255,
10.7686

294.5900,
311.4201, 305.6959

 7.2206, 7.7222,
5.7992

349.9948,

 3.6480, 3.9177,

369.8919, 365.2317

2.6566

411.9441,
435.2596, 432.0353

■ 1.5050, 1.6276,
0.9215

■ 0.3292, 0.3761,
0.0000

■ 79.1378, 83.8779,
77.6647

■ 79.1378, 83.8779,
77.6647

■ 74.5750, 79.4252,
61.7362

■ 84.2211, 88.6313,
96.0459

■ 70.5054, 75.2530,
48.1496

■ 88.1169, 92.9945,
107.9132

■ 66.9092, 71.3554,
36.7932

■ 89.9253, 96.6113,
108.5160

■ 63.7626, 67.7221,
27.5445

■ 90.4283, 97.6174,
108.6837

■ 61.0396, 64.3419,
20.2687

■ 58.7112, 61.2021,
14.8157

■ 56.7442, 58.2887,
11.0134

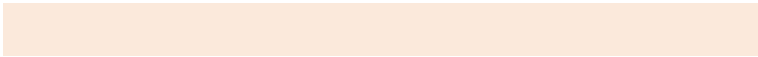
■ 55.0991, 55.5850,
8.6568

■ 53.7516, 53.1441,
7.4248

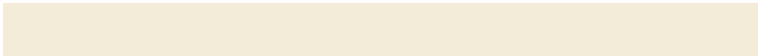
Harmonies

Analogous

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



81.7474, 83.8779, 78.6469



79.1378, 83.8779, 77.6647



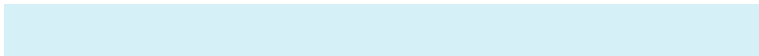
76.7376, 83.8779, 80.1786

Triad

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



79.1378, 83.8779, 77.6647



75.7286, 83.8779, 100.2657



84.4650, 83.8779, 97.1984

Complementary

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



79.1378, 83.8779, 77.6647



71.0299, 73.9366, 94.5328

Split Complementary

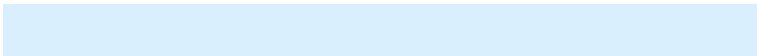
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7858, 83.8779, 103.4675



79.1378, 83.8779, 77.6647



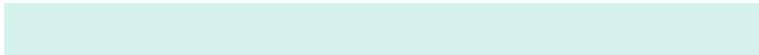
77.7331, 83.8779, 105.3055

Square

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



79.1378, 83.8779, 77.6647



74.7975, 83.8779, 93.0204



80.3119, 83.8779, 106.5083



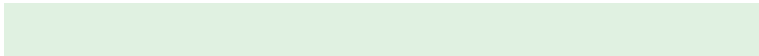
84.8610, 83.8779, 89.6578

Rectangle

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



79.1378, 83.8779, 77.6647



75.5665, 83.8779, 83.5849



80.3119, 83.8779, 106.5083



84.0301, 83.8779, 99.5367

Sweetspot

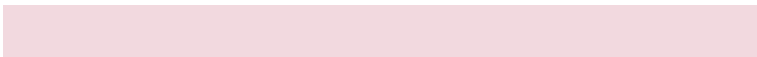
The Sweet Spot groups the original color and five complimentary colors.



79.1401, 83.8816, 77.6665



93.2601, 98.3521, 102.3476



74.7849, 73.8454, 80.3020



19.8611, 20.9582, 21.5411



0.0000, 0.0000, 0.0000



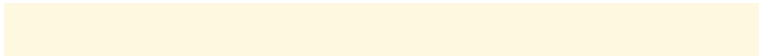
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1401, 83.8816, 77.6665



88.2123, 93.5905, 84.2212



78.7866, 86.3051, 78.1529



16.7830, 17.7791, 16.6969



28.9868, 28.7717, 4.0257



2.4876, 2.5458, 0.3603

Inverse Universe

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



71.0299, 73.9366, 94.5328



77.6976, 80.6973, 106.0888



71.3495, 71.7655, 94.0969



15.2050, 15.8442, 19.9784



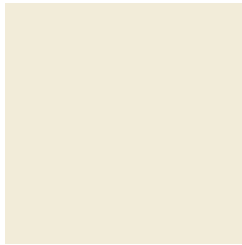
9.5117, 5.2475, 45.6394



0.8660, 0.5861, 3.8217

Previews

White Background



This preview shows how the XYZ color 79.1378, 83.8779, 77.6647 looks on a white background.

Color Contrast Check

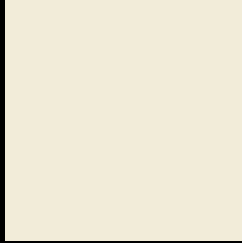
Large Text (above 18pt) WCAG AA × Fail

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 79.1378, 83.8779, 77.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

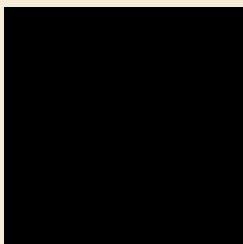
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

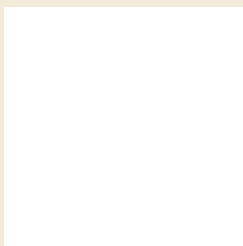
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1378, 83.8779, 77.6647

Background



This preview shows how black text looks on a background with the XYZ color 79.1378, 83.8779, 77.6647.

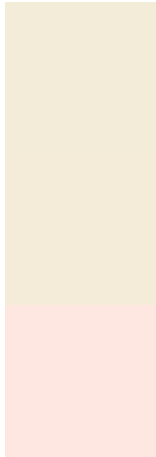


This preview shows how white text looks on a background with the XYZ color 79.1378, 83.8779,

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

79.1378, 83.8779, 77.6647

Protanopia

79.8889, 83.8389, 77.6176

Deuteranopia

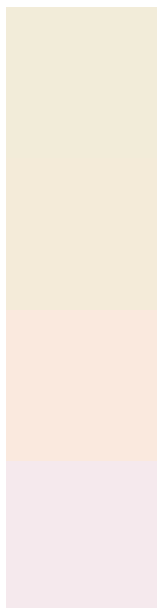
83.4065, 83.8481, 83.0225



Tritanopia

84.0326, 83.7655, 101.3619

Trichromacy



Original Color

79.1378, 83.8779, 77.6647

Protanomaly

79.5409, 83.6595, 77.6013

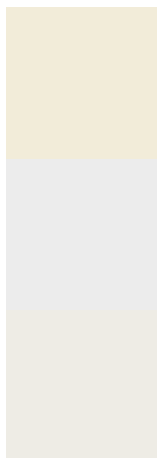
Deuteranomaly

81.7481, 83.8757, 80.9883

Tritanomaly

82.0812, 83.8047, 91.9706

Monochromacy



Original Color

79.1378, 83.8779, 77.6647

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.3982, 83.8252, 86.1239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1378, 83.8779, 77.6647 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(242, 236, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 217)  
}
```

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(242, 236, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 217) }
```

Border

The CSS property to change the border of an element to XYZ 79.1378, 83.8779, 77.6647 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(242, 236, 217) }
```


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

```
.border{ border-color:rgb(242, 236, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1378, 83.8779, 77.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 217) }
```

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

```
.background{ background-color: rgb(242,  
236, 217) }
```

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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