

Converting Colors

XYZ(79.2148, 84.5006, 78.8576)

Have a look what the booklet for
XYZ(79.2148, 84.5006, 78.8576)
contains.

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Color

**XYZ(79.0055, 84.2081,
79.1076)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EDDB
RGB	240, 237, 219
RGB Percent	94%, 93%, 86%
CMY	0.0588, 0.0706, 0.1412
CMYK	0.00, 0.01, 0.09, 0.06
HSL	51°, 41%, 90%
HSV	51°, 9%, 94%
XYZ	79.0055, 84.2081, 79.1076
YIQ	235.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

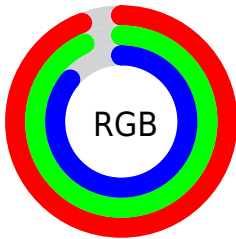
Format	Color
R _Y B	223, 240, 219
Decimal	15789531
CIE Lab	93.54, -2.04, 9.07
CIE LCh	94, 9.293, 102.667
Yxy	84.2081, 0.3260, 0.3475
Android (android.graphics.Color)	4293979611 (0xFFFF0EDDB)
YUV	235.8450, -8.3046, 3.6439
Hunter-Lab	91.7650, -6.9083, 13.1235

Details

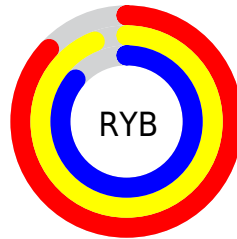
The XYZ color **79.0055, 84.2081, 79.1076** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0627, 73.5925, 92.8982**, and the grayscale version is **79.6697, 83.8187, 91.2785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9919, 45.9184, 41.7192** is the 20% darker color. If you saturate the color by 10%, you get **75.0902, 81.0740, 63.3219**, and if you desaturate by 10%, it is **83.4000, 87.5696, 97.3025**.

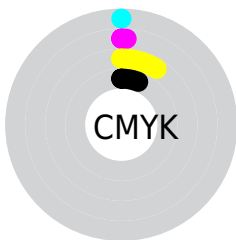
Distribution



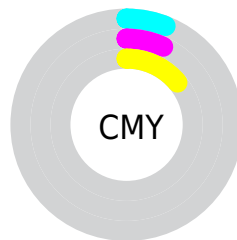
- Red (94%)
- Green (93%)
- Blue (86%)



- Red (87%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0055, 84.2081, 79.1076 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 79.0055, 84.2081, 79.1076 by changing the saturation by 10% instead.

79.0055, 84.2081,
79.1076

79.0055, 84.2081,
79.1076

480.3627,
509.0040, 511.5475

59.2060, 63.1873,
58.4624

130.9245,
139.2662, 133.9104

43.0260, 45.9927,
41.7634

163.7747,
174.0723, 168.9051

30.1001, 32.2401,
28.5919

201.7058,
214.2423, 209.5200

20.0630, 21.5449,
18.5294

245.0832,
260.1605, 256.1737

12.5494, 13.5229,
11.1574

294.2722,
312.2114, 309.2848

7.1938, 7.7896,
6.0573

349.6382,

3.6310, 3.9606,

370.7794, 369.2718

2.8106

411.5466,
436.2488, 436.5532

■ 1.4956, 1.6516,
0.9988

■ 0.3228, 0.3920,
0.0000

■ 79.0055, 84.2081,
79.1076

■ 79.0055, 84.2081,
79.1076

■ 75.0902, 81.0740,
63.3219

■ 83.4000, 87.5696,
97.3025

■ 71.6276, 78.1484,
49.8378

■ 86.2917, 90.3578,
107.5005

■ 68.5992, 75.4263,
38.5476

■ 87.3304, 92.4353,
107.8467

■ 65.9823, 72.8986,
29.3326

■ 88.3885, 94.5513,
108.1994

■ 63.7522, 70.5553,
22.0631

■ 89.4658, 96.7060,
108.5585

■ 61.8814, 68.3851,
16.5950

■ 89.7455, 97.2654,
108.6518

■ 60.3385, 66.3753,
12.7636

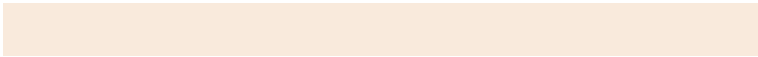
■ 59.0866, 64.5110,
10.3746

■ 58.0710, 62.7702,
9.1414

Harmonies

Analogous

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



81.4534, 84.2081, 79.3664



79.0055, 84.2081, 79.1076



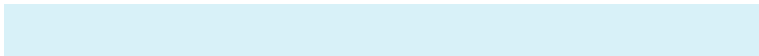
76.8771, 84.2081, 82.0925

Triad

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



79.0055, 84.2081, 79.1076



76.6125, 84.2081, 101.1699



84.6336, 84.2081, 95.7798

Complementary

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



79.0055, 84.2081, 79.1076



71.0627, 73.5925, 92.8982

Split Complementary

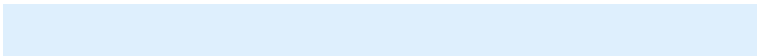
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2829, 84.2081, 102.0042



79.0055, 84.2081, 79.1076



78.6376, 84.2081, 105.2238

Square

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



79.0055, 84.2081, 79.1076



75.5146, 84.2081, 94.6881



81.0780, 84.2081, 105.5368



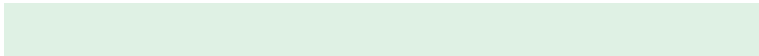
84.7370, 84.2081, 88.7525

Rectangle

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



79.0055, 84.2081, 79.1076



75.9122, 84.2081, 85.6134



81.0780, 84.2081, 105.5368



84.3091, 84.2081, 98.0440

Sweetspot

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



79.0078, 84.2118, 79.1094



93.4955, 98.8228, 102.4261



74.4726, 74.4715, 79.6632



19.9248, 21.0857, 21.5624



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.



79.0078, 84.2118, 79.1094



90.0635, 96.1665, 88.3104



77.4373, 84.7003, 79.2865



16.9195, 18.0522, 16.7424



31.7985, 34.3952, 4.9630



2.6975, 2.9656, 0.4302

Inverse Universe

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



71.0627, 73.5925, 92.8982



79.7006, 82.3158, 106.2956



72.5347, 73.1809, 92.7411



15.0791, 15.5923, 19.9365



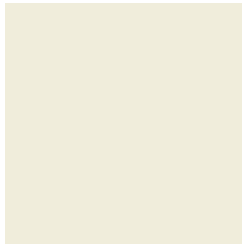
8.9834, 4.1910, 45.4633



0.8031, 0.4602, 3.8007

Previews

White Background



This preview shows how the XYZ color 79.0055, 84.2081, 79.1076 looks on a white background.

Color Contrast Check

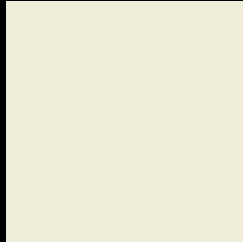
Large Text (above 18pt) WCAG AA × Fail

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 79.0055, 84.2081, 79.1076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

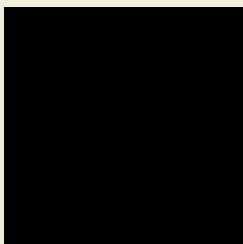
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

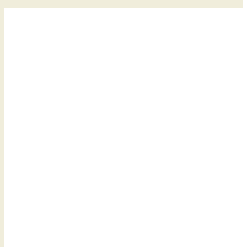
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0055, 84.2081, 79.1076

Background



This preview shows how black text looks on a background with the XYZ color 79.0055, 84.2081, 79.1076.



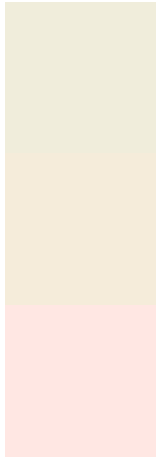
This preview shows how white text looks on a background with the XYZ color 79.0055, 84.2081,

79.1076.

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

79.0055, 84.2081, 79.1076

Protanopia

80.3065, 84.4653, 78.4005

Deuteranopia

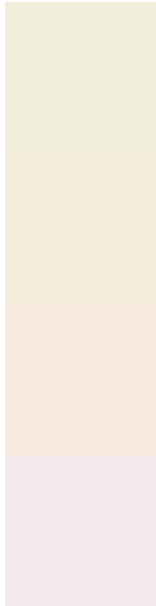
83.6810, 83.9579, 84.4681



Tritanopia

83.9254, 84.0907, 103.0746

Trichromacy



Original Color

79.0055, 84.2081, 79.1076

Protanomaly

79.6125, 84.1075, 78.3680

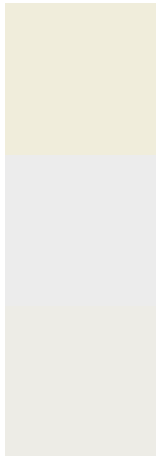
Deuteranomaly

82.0178, 83.9836, 82.4087

Tritanomaly

81.9650, 84.1323, 93.5805

Monochromacy



Original Color

79.0055, 84.2081, 79.1076

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.2034, 83.7086, 86.8458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0055, 84.2081, 79.1076 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(240, 237, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 237, 219)  
}
```

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(240, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 237, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.0055, 84.2081, 79.1076 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(240, 237, 219) }
```


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

```
.border{ border-color:rgb(240, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 237,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0055, 84.2081, 79.1076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 237, 219) }
```

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

```
.background{ background-color: rgb(240,  
237, 219) }
```

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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