

Converting Colors

XYZ(79.1307, 84.2818, 78.7018)

Have a look what the booklet for
XYZ(79.1307, 84.2818, 78.7018)
contains.

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Color

**XYZ(79.2147, 84.3311,
78.4321)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EDDA
RGB	241, 237, 218
RGB Percent	95%, 93%, 85%
CMY	0.0549, 0.0706, 0.1451
CMYK	0.00, 0.02, 0.10, 0.05
HSL	50°, 45%, 90%
HSV	50°, 10%, 95%
XYZ	79.2147, 84.3311, 78.4321
YIQ	236.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

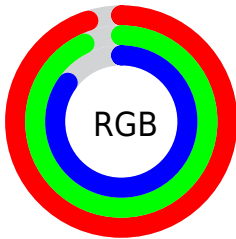
Format	Color
R _Y B	223, 241, 218
Decimal	15855066
CIE Lab	93.59, -1.85, 9.67
CIE LCh	94, 9.847, 100.845
Yxy	84.3311, 0.3274, 0.3485
Android (android.graphics.Color)	4294045146 (0xFFF1EDDA)
YUV	236.0300, -8.8888, 4.3587
Hunter-Lab	91.8320, -6.7310, 13.6438

Details

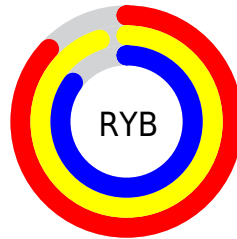
The XYZ color **79.2147, 84.3311, 78.4321** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.9118, 73.4976, 93.6689**, and the grayscale version is **79.8151, 83.9717, 91.4452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1423, 46.0064, 41.2566** is the 20% darker color. If you saturate the color by 10%, you get **75.0904, 80.7672, 62.6130**, and if you desaturate by 10%, it is **83.8306, 88.1424, 96.6795**.

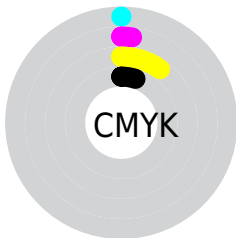
Distribution



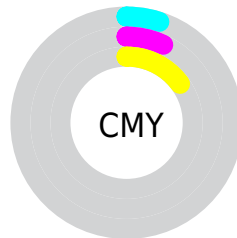
- Red (95%)
- Green (93%)
- Blue (85%)



- Red (87%)
- 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 79.2147, 84.3311, 78.4321 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 79.2147, 84.3311, 78.4321 by changing the saturation by 10% instead.

79.2147, 84.3311,
78.4321

79.2147, 84.3311,
78.4321

481.0593,
509.4121, 509.1998

59.3786, 63.2888,
57.9104

131.2174,
139.4382, 132.9505

43.1655, 46.0749,
41.3224

164.1147,
174.2719, 167.7843

30.2101, 32.3049,
28.2495

202.0965,
214.4715, 208.2259

20.1470, 21.5945,
18.2732

245.5280,
260.4214, 254.6938

12.6108, 13.5593,
10.9748

294.7747,
312.5060, 307.6067

7.2362, 7.8148,
5.9359

350.2019,

3.6579, 3.9767,

371.1097, 367.3829

2.7380

412.1750,
436.6170, 434.4411

■ 1.5105, 1.6605,
0.9625

■ 0.3330, 0.3979,
0.0000

■ 79.2147, 84.3311,
78.4321

■ 79.2147, 84.3311,
78.4321

■ 75.0904, 80.7672,
62.6130

■ 83.8306, 88.1424,
96.6795

■ 71.4308, 77.4315,
49.1128

■ 87.0931, 91.4552,
107.6701

■ 68.2170, 74.3187,
37.8220

■ 88.3766, 94.0222,
108.0979

■ 65.4257, 71.4193,
28.6201

■ 89.6890, 96.6470,
108.5354

■ 63.0319, 68.7230,
21.3749

■ 90.0860, 97.4410,
108.6677

■ 61.0073, 66.2180,
15.9392

■ 59.3198, 63.8913,
12.1449

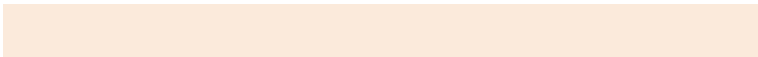
■ 57.9313, 61.7273,
9.7924

■ 56.7810, 59.7014,
8.5624

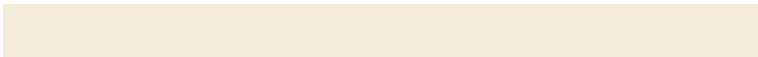
Harmonies

Analogous

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



81.8102, 84.3311, 78.9178



79.2147, 84.3311, 78.4321



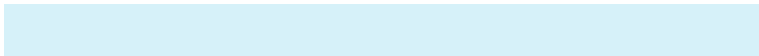
76.9203, 84.3311, 81.3848

Triad

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



79.2147, 84.3311, 78.4321



76.4217, 84.3311, 101.5349



84.9832, 84.3311, 96.6137

Complementary

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



79.2147, 84.3311, 78.4321



70.9118, 73.4976, 93.6689

Split Complementary

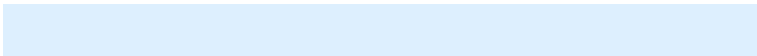
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4775, 84.3311, 103.1159



79.2147, 84.3311, 78.4321



78.5207, 84.3311, 106.0619

Square

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



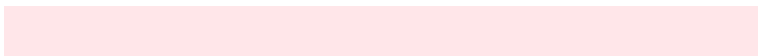
79.2147, 84.3311, 78.4321



75.3312, 84.3311, 94.5500



81.1011, 84.3311, 106.6557



85.1788, 84.3311, 89.1474

Rectangle

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



79.2147, 84.3311, 78.4321



75.8558, 84.3311, 85.0045



81.1011, 84.3311, 106.6557



84.6120, 84.3311, 98.9950

Sweetspot

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



79.2170, 84.3348, 78.4339



93.4201, 98.6721, 102.4010



74.5620, 74.1303, 79.6395



19.9044, 21.0448, 21.5556



0.0000, 0.0000, 0.0000



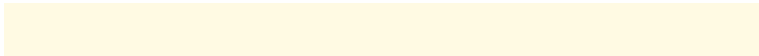
20.3446, 21.4041, 23.3091

Same Dimension

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



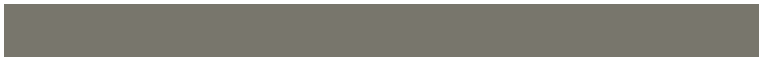
79.2170, 84.3348, 78.4339



89.3235, 95.2537, 86.3148



77.9499, 85.4180, 78.7098



16.8757, 17.9645, 16.7278



30.8522, 32.5025, 4.6475



2.6274, 2.8255, 0.4069

Inverse Universe

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



70.9118, 73.4976, 93.6689



78.5195, 81.1561, 106.1340



72.0894, 72.5480, 93.4236



15.1192, 15.6725, 19.9498



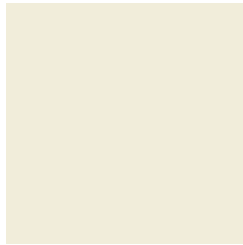
9.1235, 4.4712, 45.5100



0.8220, 0.4981, 3.8070

Previews

White Background



This preview shows how the XYZ color 79.2147, 84.3311, 78.4321 looks on a white background.

Color Contrast Check

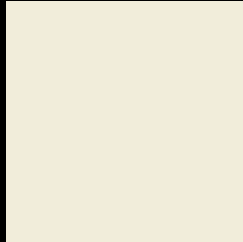
Large Text (above 18pt) WCAG AA × Fail

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 79.2147, 84.3311, 78.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

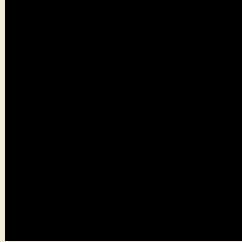
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

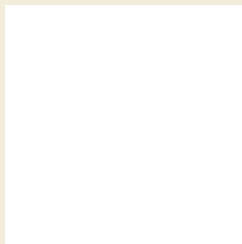
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2147, 84.3311, 78.4321

Background



This preview shows how black text looks on a background with the XYZ color 79.2147, 84.3311, 78.4321.

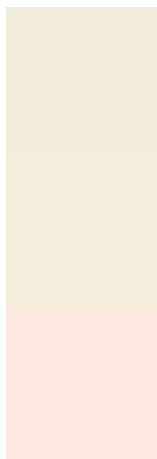


This preview shows how white text looks on a background with the XYZ color 79.2147, 84.3311, 78.4321.

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

79.2147, 84.3311, 78.4321

Protanopia

80.1760, 84.4131, 77.7133

Deuteranopia

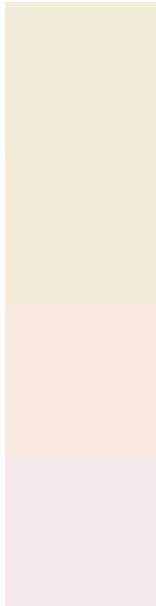
83.8241, 84.4642, 83.8367



Tritanopia

84.1180, 84.2082, 102.2628

Trichromacy



Original Color

79.2147, 84.3311, 78.4321

Protanomaly

79.8281, 84.2338, 77.6970

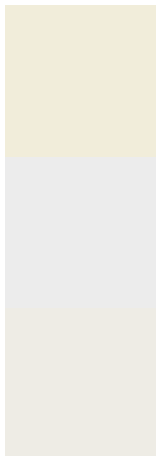
Deuteranomaly

82.1664, 84.4973, 81.7910

Tritanomaly

82.1637, 84.2518, 92.8206

Monochromacy



Original Color

79.2147, 84.3311, 78.4321

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 79.2147, 84.3311, 78.4321 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(241, 237, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 218)  
}
```

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(241, 237, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 218) }
```

Border

The CSS property to change the border of an element to XYZ 79.2147, 84.3311, 78.4321 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(241, 237, 218) }
```


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

```
.border{ border-color:rgb(241, 237, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2147, 84.3311, 78.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 218) }
```

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

```
.background{ background-color: rgb(241,  
237, 218) }
```

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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