

Converting Colors

XYZ(78.3007, 79.2449, 83.3450)

Have a look what the booklet for
XYZ(78.3007, 79.2449, 83.3450)
contains.

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Color

**XYZ(78.2321, 79.1168,
83.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2E2
RGB	244, 226, 226
RGB Percent	96%, 89%, 89%
CMY	0.0431, 0.1137, 0.1137
CMYK	0.00, 0.07, 0.07, 0.04
HSL	0°, 45%, 92%
HSV	0°, 7%, 96%
XYZ	78.2321, 79.1168, 83.0993
YIQ	231.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

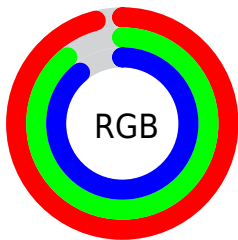
Format	Color
R _Y B	244, 226, 226
Decimal	16048866
CIE Lab	91.29, 6.14, 2.21
CIE LCh	91, 6.522, 19.770
Yxy	79.1168, 0.3254, 0.3290
Android (android.graphics.Color)	4294238946 (0xFF4E2E2)
YUV	231.3820, -2.6533, 11.0660
Hunter-Lab	88.9476, 1.3378, 6.8717

Details

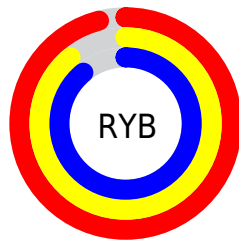
The XYZ color **78.2321, 79.1168, 83.0993** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0437, 87.4004, 98.2403**, and the grayscale version is **76.2556, 80.2268, 87.3670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6526, 42.7575, 44.5331** is the 20% darker color. If you saturate the color by 10%, you get **68.9517, 65.5376, 64.6459**, and if you desaturate by 10%, it is **88.9372, 94.7809, 104.3802**.

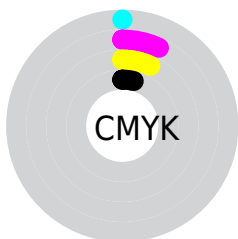
Distribution



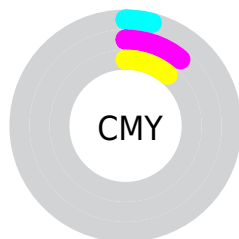
- Red (96%)
- Green (89%)
- Blue (89%)



- Red (96%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2321, 79.1168, 83.0993 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 78.2321, 79.1168, 83.0993 by changing the saturation by 10% instead.


 78.2321, 79.1168,
83.0993

 78.2321, 79.1168,
83.0993


477.7825,
491.9514, 525.2971

 58.5681, 58.9918,
61.7310


129.8409,
132.1233, 139.5650

 42.5106, 42.6066,
44.3810


162.5164,
165.7736, 175.4995

 29.6941, 29.5765,
30.6307


200.2598,
204.7012, 217.1264

 19.7535, 19.5174,
20.0617

243.4364,
249.2903, 264.8644

 12.3232, 12.0447,
12.2554

292.4117,
299.9256, 319.1319

 7.0379, 6.7741,
6.7932

347.5508,

 3.5324, 3.3213,

356.9912, 380.3475

3.2566

409.2193,
420.8717, 448.9297

■ 1.4412, 1.3017,
1.2271

■ 0.2853, 0.1425,
0.0009

■ 78.2321, 79.1168,
83.0993

■ 78.2321, 79.1168,
83.0993

■ 68.9517, 65.5376,
64.6459

■ 88.9372, 94.7809,
104.3802

■ 61.0296, 53.9457,
48.8962

■ 91.1187, 97.9733,
108.7160

■ 54.4042, 44.2510,
35.7248

■ 49.0065, 36.3526,
24.9946

■ 44.7611, 30.1402,
16.5554

■ 41.5843, 25.4912,
10.2409

■ 39.3809, 22.2668,
5.8620

■ 38.0395, 20.3034,
3.1966

■ 37.4138, 19.3875,
1.9540

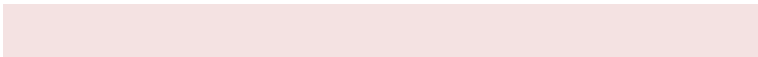
Harmonies

Analogous

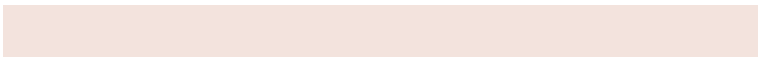
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3728, 79.1168, 87.7731



78.2321, 79.1168, 83.0993



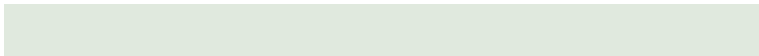
77.2718, 79.1168, 79.3738

Triad

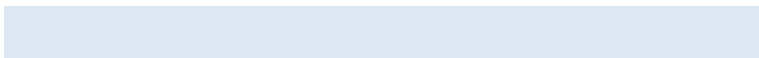
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2321, 79.1168, 83.0993



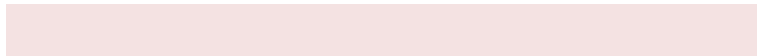
72.7952, 79.1168, 80.3928



74.6345, 79.1168, 95.4264

Complementary

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



78.2321, 79.1168, 83.0993



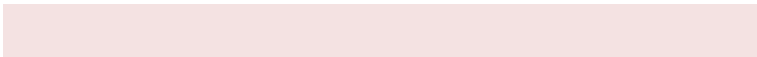
80.0437, 87.4004, 98.2403

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.



73.1620, 79.1168, 93.2902



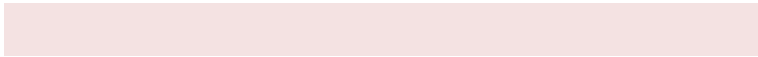
78.2321, 79.1168, 83.0993



72.1104, 79.1168, 84.5366

Square

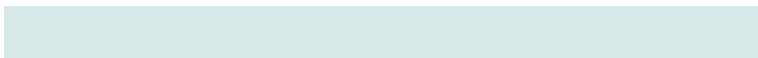
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2321, 79.1168, 83.0993



74.1271, 79.1168, 77.8514



72.2437, 79.1168, 89.2637



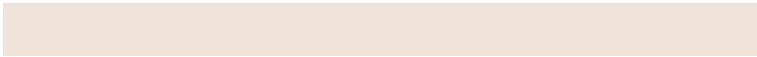
76.2795, 79.1168, 95.0071

Rectangle

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



78.2321, 79.1168, 83.0993



76.3037, 79.1168, 77.8748



72.2437, 79.1168, 89.2637



74.1034, 79.1168, 94.9804

Sweetspot

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



78.2343, 79.1203, 83.1010



92.6345, 96.4657, 104.0977



80.8348, 80.1587, 96.8008



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



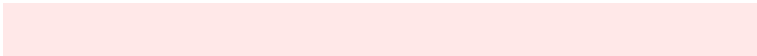
20.3446, 21.4041, 23.3091

Same Dimension

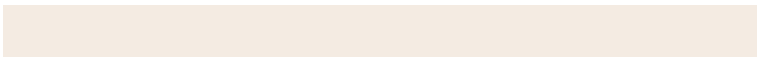
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2343, 79.1203, 83.1010



84.6848, 84.8334, 88.2923



80.7452, 84.1419, 83.9379



16.4995, 16.4831, 17.1095



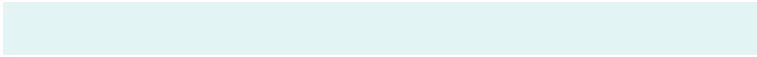
20.2866, 10.4588, 0.9495



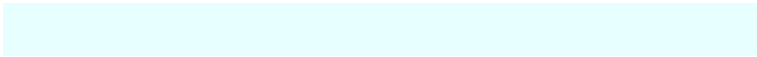
1.7831, 0.9194, 0.0835

Inverse Universe

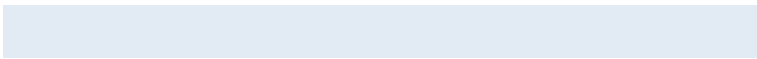
The Inverse Universe completely reimagines the original color for something new.



80.0437, 87.4004, 98.2403



87.1032, 95.9008, 108.5276



77.4026, 82.1183, 97.3599



16.9964, 18.7572, 21.2673



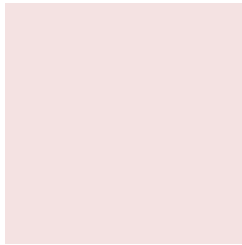
26.4603, 38.7144, 52.6161



2.3257, 3.4028, 4.6245

Previews

White Background



This preview shows how the XYZ color 78.2321, 79.1168, 83.0993 looks on a white background.

Color Contrast Check

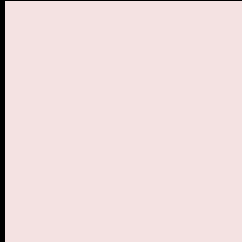
Large Text (above 18pt) WCAG AA × Fail

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 78.2321, 79.1168, 83.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

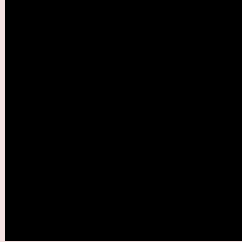
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

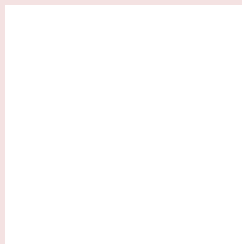
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2321, 79.1168, 83.0993

Background



This preview shows how black text looks on a background with the XYZ color 78.2321, 79.1168, 83.0993.



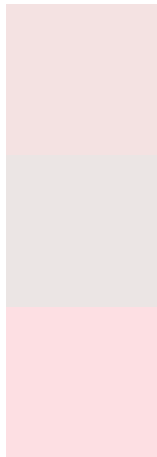
This preview shows how white text looks on a background with the XYZ color 78.2321, 79.1168,

83.0993.

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

78.2321, 79.1168, 83.0993

Protanopia

76.2839, 79.3022, 84.6851

Deuteranopia

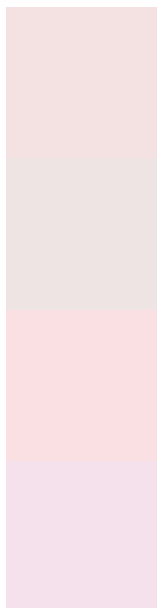
80.7608, 79.2041, 83.7044



Tritanopia

80.5389, 79.2550, 94.2720

Trichromacy



Original Color

78.2321, 79.1168, 83.0993

Protanomaly

76.8684, 79.2100, 83.9107

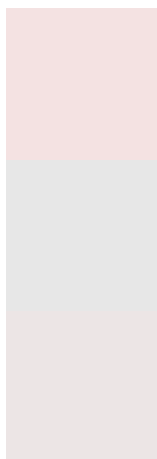
Deuteranomaly

79.9451, 79.1814, 83.7430

Tritanomaly

79.7217, 79.3190, 90.4652

Monochromacy



Original Color

78.2321, 79.1168, 83.0993

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7542, 79.5286, 85.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2321, 79.1168, 83.0993 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(244, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 226)  
}
```

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(244, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 78.2321, 79.1168, 83.0993 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(244, 226, 226) }
```


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

```
.border{ border-color:rgb(244, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 226, 226); box-shadow:4px 4px 4px 4px rgb(244, 226, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2321, 79.1168, 83.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 226) }
```

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

```
.background{ background-color: rgb(244,  
226, 226) }
```

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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