

Converting Colors

$Y_{xy}(79.2378, 0.3218, 0.3304)$

Have a look what the booklet for
Yxy(79.2378, 0.3218, 0.3304)
contains.

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Color

Yxy(79.3285, 0.3217, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	EFE4E2
RGB	239, 228, 226
RGB Percent	94%, 89%, 89%
CMY	0.0626, 0.1059, 0.1138
CMYK	0.00, 0.05, 0.05, 0.06
HSL	9°, 29%, 91%
HSV	9°, 5%, 94%
XYZ	77.0763, 79.3285, 83.1859
YIQ	231.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

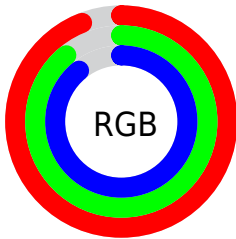
Format	Color
R_{YB}	239, 228, 226
Decimal	15721698
CIE Lab	91.38, 3.41, 2.31
CIE LCh	91, 4.114, 34.112
Yxy	79.3285, 0.3217, 0.3311
Android (android.graphics.Color)	4293911778 (0xFFEFE4E2)
YUV	231.0610, -2.4951, 6.9625
Hunter-Lab	89.0665, -1.3963, 6.9712

Details

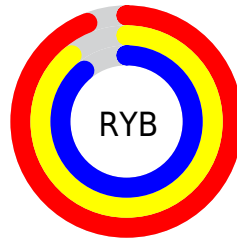
The Yxy color **79.3285, 0.3217, 0.3311** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9877, 0.3042, 0.3269**, and the grayscale version is **79.9791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8947, 0.3234, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **67.6274, 0.3409, 0.3352**, and if you desaturate by 10%, it is **92.5207, 0.3060, 0.3273**.

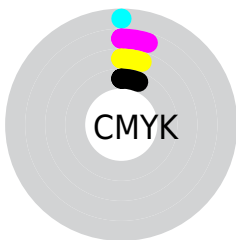
Distribution



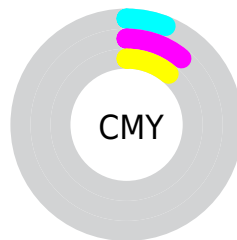
- Red (94%)
- Green (89%)
- Blue (89%)



- Red (94%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3285, 0.3217, 0.3311 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 Yxy color 79.3285, 0.3217, 0.3311 by changing the saturation by 10% instead.

 79.3285, 0.3217,
0.3311

 79.3285, 0.3217,
0.3311


492.6669, 0.3176,
0.3302

 59.1659, 0.3226,
0.3313

132.4212, 0.3203,
0.3308

 42.7467, 0.3238,
0.3316


166.1202, 0.3197,
0.3307

 29.6864, 0.3252,
0.3319


205.1000, 0.3193,
0.3305

 19.6007, 0.3271,
0.3323

249.7452, 0.3188,
0.3305

 12.1051, 0.3296,
0.3328

300.4401, 0.3185,
0.3304

 6.8153, 0.3332,
0.3336

357.5691, 0.3181,

 3.3469, 0.3387,

0.3303

421.5166, 0.3179,
0.3302

0.3347

1.3154, 0.3483,
0.3365

0.1531, 0.5907,
0.3955

79.3285, 0.3217,
0.3311

79.3285, 0.3217,
0.3311

67.6274, 0.3409,
0.3352

92.5207, 0.3060,
0.3273

57.3548, 0.3643,
0.3395

97.0987, 0.3030,
0.3290

48.4591, 0.3927,
0.3439

40.8813, 0.4265,
0.3479

■ 34.5584, 0.4656,
0.3512

■ 29.4221, 0.5085,
0.3530

■ 25.3976, 0.5518,
0.3525

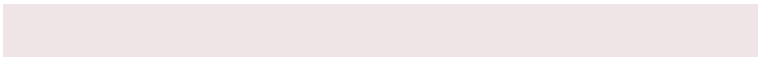
■ 22.4011, 0.5902,
0.3491

■ 20.3366, 0.6181,
0.3430

Harmonies

Analogous

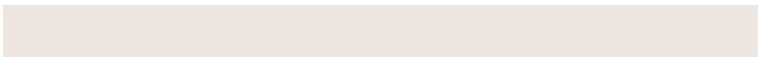
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3285, 0.3190, 0.3268



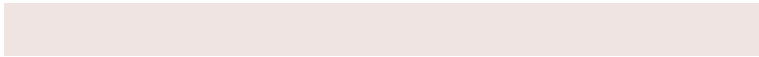
79.3285, 0.3217, 0.3311



79.3285, 0.3220, 0.3349

Triad

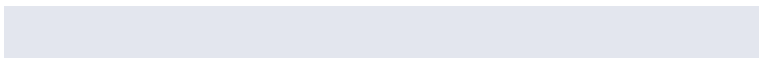
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3285, 0.3217, 0.3311



79.3285, 0.3108, 0.3350



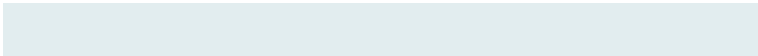
79.3285, 0.3057, 0.3210

Complementary

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



79.3285, 0.3217, 0.3311



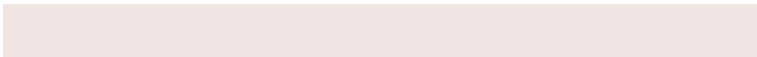
82.9877, 0.3042, 0.3269

Split Complementary

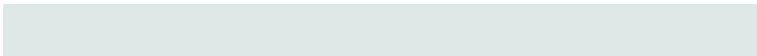
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3285, 0.3035, 0.3231



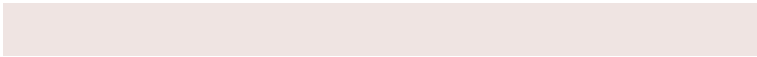
79.3285, 0.3217, 0.3311



79.3285, 0.3065, 0.3312

Square

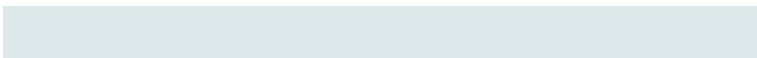
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3285, 0.3217, 0.3311



79.3285, 0.3157, 0.3371



79.3285, 0.3038, 0.3268



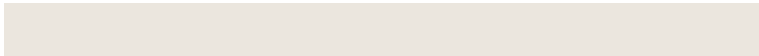
79.3285, 0.3097, 0.3210

Rectangle

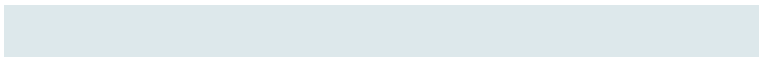
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



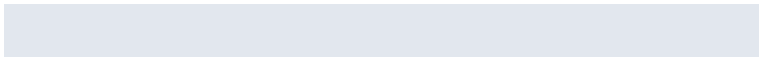
79.3285, 0.3217, 0.3311



79.3285, 0.3208, 0.3366



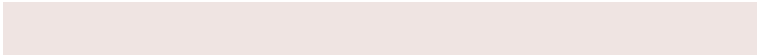
79.3285, 0.3038, 0.3268



79.3285, 0.3047, 0.3215

Sweetspot

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



79.3320, 0.3217, 0.3311



96.9541, 0.3159, 0.3298



78.8603, 0.3146, 0.3177



20.7841, 0.3157, 0.3297



0.0000, 0.0000, 0.0000



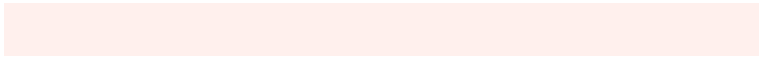
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3320, 0.3217, 0.3311



89.6447, 0.3244, 0.3317



82.9640, 0.3212, 0.3377



16.6448, 0.3255, 0.3319



10.9853, 0.6252, 0.3418



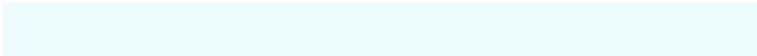
1.0313, 0.6030, 0.3594

Inverse Universe

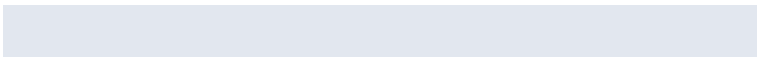
The Inverse Universe completely reimagines the original color for something new.



82.9877, 0.3042, 0.3269



95.0281, 0.3018, 0.3263



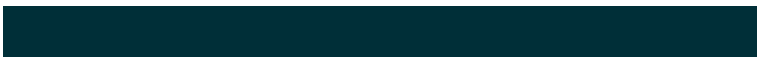
79.3025, 0.3043, 0.3201



17.7291, 0.3010, 0.3260



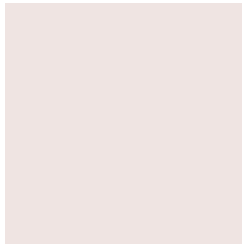
26.9902, 0.2109, 0.2793



2.3562, 0.2129, 0.2865

Previews

White Background



This preview shows how the Yxy color 79.3285, 0.3217, 0.3311 looks on a white background.

Color Contrast Check

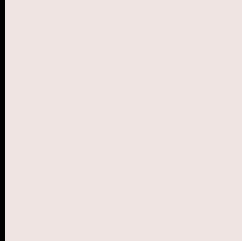
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 79.3285, 0.3217, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

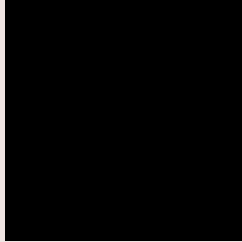
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

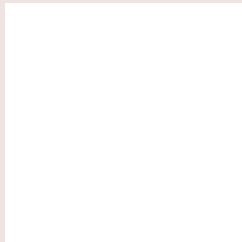
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3285, 0.3217, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 79.3285, 0.3217, 0.3311.

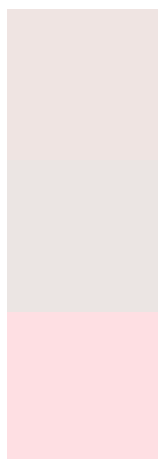


This preview shows how white text looks on a background with the Yxy color 79.3285, 0.3217, 0.3311.

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

79.3285, 0.3217, 0.3311

Protanopia

79.2468, 0.3181, 0.3311

Deuteranopia

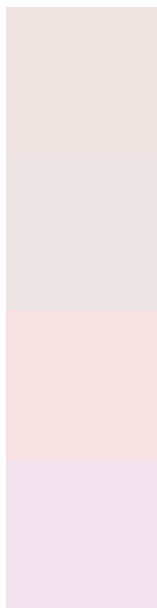
79.3922, 0.3322, 0.3251



Tritanopia

79.1987, 0.3129, 0.3108

Trichromacy



Original Color

79.3285, 0.3217, 0.3311

Protanomaly

79.4175, 0.3188, 0.3311

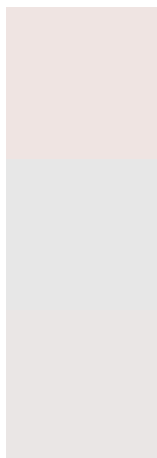
Deuteranomaly

79.5362, 0.3283, 0.3270

Tritanomaly

79.2079, 0.3160, 0.3178

Monochromacy



Original Color

79.3285, 0.3217, 0.3311

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.7432, 0.3161, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3285, 0.3217, 0.3311 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(239, 228, 226) looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 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(239, 228, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 226) }
```

Border

The CSS property to change the border of an element to Yxy 79.3285, 0.3217, 0.3311 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(239, 228, 226) }
```

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

```
.border{ border-color:rgb(239, 228, 226) }
```

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

Here you see how a box with a 4 pixel rgb(239, 228, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 228, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 228, 226);  
box-shadow:4px 4px 4px 4px rgb(239, 228,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3285, 0.3217, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 228, 226) }
```

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

```
.background{ background-color: rgb(239,  
228, 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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