

Converting Colors

$Y_{xy}(79.2916, 0.3189, 0.3207)$

Have a look what the booklet for
Yxy(79.2916, 0.3189, 0.3207)
contains.

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Color

Yxy(79.2105, 0.3187, 0.3209)

Conversions

Conversions Part 1	
Format	Color
Hex	F2E2EA
RGB	242, 226, 234
RGB Percent	95%, 89%, 92%
CMY	0.0509, 0.1137, 0.0825
CMYK	0.00, 0.07, 0.03, 0.05
HSL	330°, 38%, 92%
HSV	330°, 7%, 95%
XYZ	78.6675, 79.2105, 88.9606
YIQ	231.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

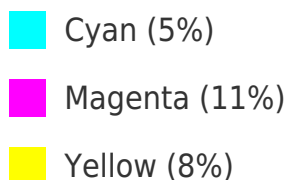
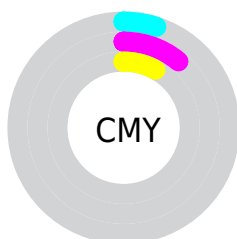
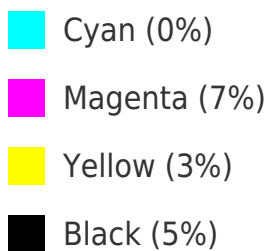
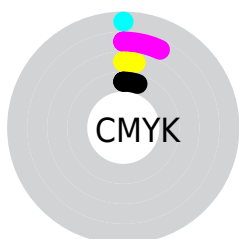
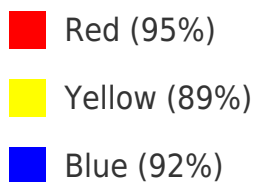
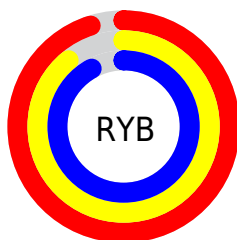
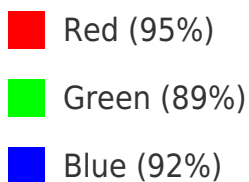
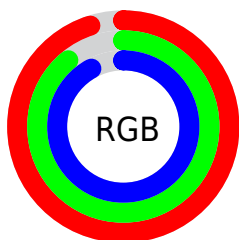
Format	Color
RYB	242, 226, 234
Decimal	15917802
CIELab	91.33, 6.82, -1.92
CIELCh	91, 7.088, 344.275
Yxy	79.2105, 0.3187, 0.3209
Android (android.graphics.Color)	4294107882 (0xFF2E2EA)
YUV	231.6960, 1.1359, 9.0366
Hunter-Lab	89.0003, 2.0259, 3.0366

Details

The Yxy color 79.2105, 0.3187, 0.3209 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 85.6309, 0.3071, 0.3372, and the grayscale version is 80.4473, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 42.7793, 0.3204, 0.3199 is the 20% darker color. If you saturate the color by 10%, you get 66.2919, 0.3293, 0.3081, and if you desaturate by 10%, it is 94.0418, 0.3099, 0.3330.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2105, 0.3187, 0.3209 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 79.2105, 0.3187, 0.3209 by changing the saturation by 10% instead.


 79.2105, 0.3187,
0.3209

 79.2105, 0.3187,
0.3209


492.2682, 0.3160,
0.3246

 59.0689, 0.3193,
0.3201


132.2552, 0.3178,
0.3222

 42.6686, 0.3201,
0.3191


165.9270, 0.3174,
0.3227

 29.6252, 0.3210,
0.3178


204.8777, 0.3171,
0.3231

 19.5543, 0.3222,
0.3162

249.4917, 0.3168,
0.3235

 12.0714, 0.3238,
0.3140

300.1533, 0.3166,
0.3238

 6.7924, 0.3261,
0.3109


357.2470, 0.3164,


 3.3326, 0.3296,


0.3241


0.3062


421.1572, 0.3162,
0.3243


 1.3077, 0.3356,
0.2983


 0.1472, 0.4096,
0.1967


 79.2105, 0.3187,
0.3209


 79.2105, 0.3187,
0.3209


 66.2919, 0.3293,
0.3081

 94.0418, 0.3099,
0.3330

 55.1972, 0.3420,
0.2948

 97.6213, 0.3048,
0.3290

 45.8462, 0.3573,
0.2814

 38.1483, 0.3751,
0.2685

■ 32.0050, 0.3957,
0.2572

■ 27.3069, 0.4186,
0.2486

■ 23.9305, 0.4433,
0.2440

■ 21.7309, 0.4684,
0.2444

■ 20.5261, 0.4927,
0.2504

Harmonies

Analogous

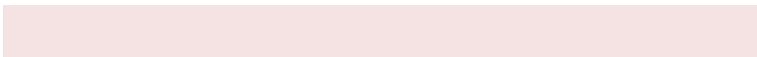
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2105, 0.3103, 0.3162



79.2105, 0.3187, 0.3209



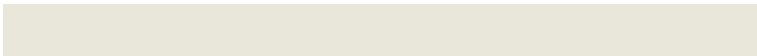
79.2105, 0.3255, 0.3277

Triad

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



79.2105, 0.3187, 0.3209



79.2105, 0.3227, 0.3434



79.2105, 0.2968, 0.3228

Complementary

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



79.2105, 0.3187, 0.3209



85.6309, 0.3071, 0.3372

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.



79.2105, 0.3000, 0.3302



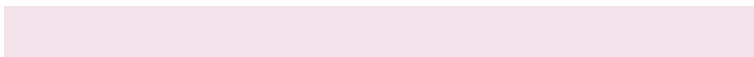
79.2105, 0.3187, 0.3209



79.2105, 0.3150, 0.3422

Square

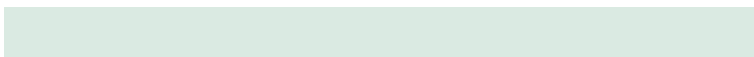
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



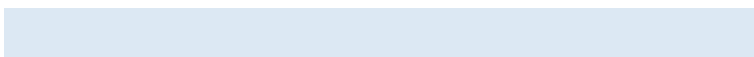
79.2105, 0.3187, 0.3209



79.2105, 0.3279, 0.3407



79.2105, 0.3067, 0.3373



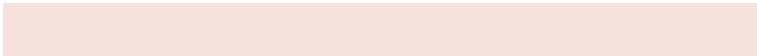
79.2105, 0.2978, 0.3172

Rectangle

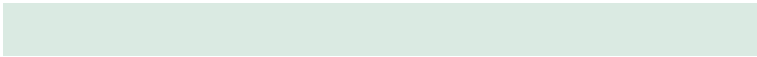
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2105, 0.3187, 0.3209



79.2105, 0.3283, 0.3326



79.2105, 0.3067, 0.3373



79.2105, 0.2974, 0.3251

Sweetspot

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



79.2139, 0.3187, 0.3209



96.6250, 0.3144, 0.3266



78.3006, 0.3080, 0.3125



20.7171, 0.3144, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

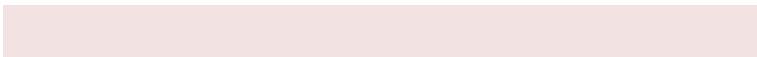
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2139, 0.3187, 0.3209



87.0249, 0.3201, 0.3191



78.7663, 0.3240, 0.3290



15.8899, 0.3215, 0.3173



10.9016, 0.4970, 0.2511



0.9270, 0.4676, 0.2349

Inverse Universe

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



79.2139, 0.3187, 0.3209



87.0249, 0.3201, 0.3191



86.0993, 0.3024, 0.3290



15.8899, 0.3215, 0.3173



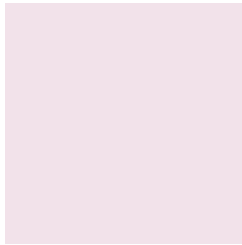
10.9016, 0.4970, 0.2511



0.9270, 0.4676, 0.2349

Previews

White Background



This preview shows how the Yxy color 79.2105, 0.3187, 0.3209 looks on a white background.

Color Contrast Check

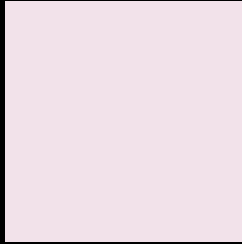
Large Text (above 18pt) WCAG AA × Fail

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 79.2105, 0.3187, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

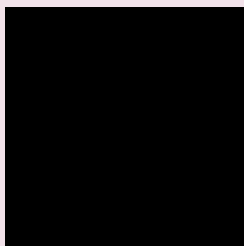
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2105, 0.3187, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 79.2105, 0.3187, 0.3209.

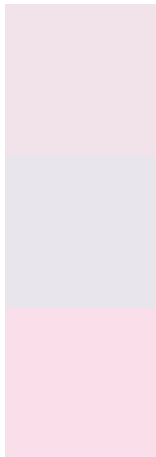


This preview shows how white text looks on a background with the Yxy color 79.2105, 0.3187, 0.3209.

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

79.2105, 0.3187, 0.3209

Protanopia

79.4184, 0.3110, 0.3218

Deuteranopia

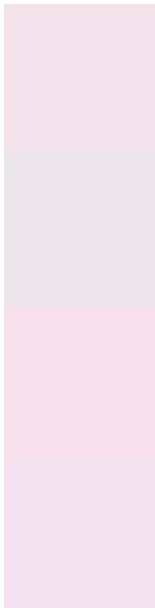
79.0975, 0.3239, 0.3170



Tritanopia

79.3159, 0.3142, 0.3119

Trichromacy



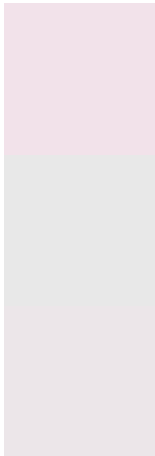
Original Color
79.2105, 0.3187, 0.3209

Protanomaly
79.3178, 0.3137, 0.3218

Deuteranomaly
79.0836, 0.3217, 0.3179

Tritanomaly
79.1371, 0.3162, 0.3148

Monochromacy



Original Color
79.2105, 0.3187, 0.3209

Achromatopsia
80.6952, 0.3127, 0.3290

Achromatomaly
80.3097, 0.3149, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2105, 0.3187, 0.3209 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, 226, 234) looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 234)  
}
```

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, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 234) }
```

Border

The CSS property to change the border of an element to Yxy 79.2105, 0.3187, 0.3209 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, 226, 234) }
```

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

```
.border{ border-color:rgb(242, 226, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2105, 0.3187, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 234) }
```

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

```
.background{ background-color: rgb(242,  
226, 234) }
```

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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