

Converting Colors

$Y_{xy}(79.7558, 0.3154, 0.3196)$

Have a look what the booklet for
Yxy(79.7558, 0.3154, 0.3196)
contains.

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Color

Yxy(79.5779, 0.3153, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	F0E3ED
RGB	240, 227, 237
RGB Percent	94%, 89%, 93%
CMY	0.0586, 0.1099, 0.0706
CMYK	0.00, 0.05, 0.01, 0.06
HSL	314°, 30%, 92%
HSV	314°, 5%, 94%
XYZ	78.7042, 79.5779, 91.3349
YIQ	232.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

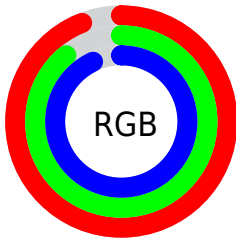
Format	Color
R _Y B	240, 227, 237
Decimal	15786989
CIE Lab	91.50, 6.18, -3.28
CIE LCh	91, 7.000, 332.020
Yxy	79.5779, 0.3153, 0.3188
Android (android.graphics.Color)	4293977069 (0xFFFF0E3ED)
YUV	232.0270, 2.4517, 6.9923
Hunter-Lab	89.2064, 1.3741, 1.7399

Details

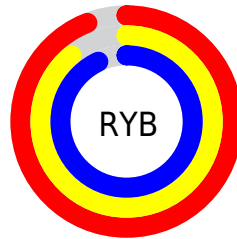
The Yxy color **79.5779, 0.3153, 0.3188** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3971, 0.3102, 0.3394**, and the grayscale version is **80.7032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0316, 0.3160, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **67.0308, 0.3207, 0.2994**, and if you desaturate by 10%, it is **93.9729, 0.3107, 0.3373**.

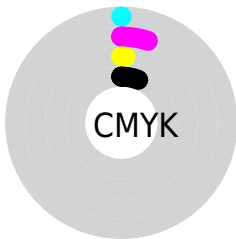
Distribution



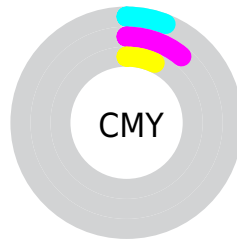
- Red (94%)
- Green (89%)
- Blue (93%)



- Red (94%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5779, 0.3153, 0.3188 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 79.5779, 0.3153, 0.3188 by changing the saturation by 10% instead.


 79.5779, 0.3153,
0.3188

 79.5779, 0.3153,
0.3188


493.5092, 0.3141,
0.3234

 59.3711, 0.3156,
0.3178


132.7721, 0.3149,
0.3204

 42.9119, 0.3159,
0.3165

166.5283, 0.3148,
0.3210

 29.8160, 0.3163,
0.3149


205.5697, 0.3146,
0.3215

 19.6990, 0.3168,
0.3129

250.2808, 0.3145,
0.3220

 12.1764, 0.3174,
0.3102

301.0458, 0.3144,
0.3224

 6.8639, 0.3183,
0.3063

358.2493, 0.3143,

 3.3772, 0.3197,

0.3228

0.3006

422.2757, 0.3142,
0.3231

■ 1.3317, 0.3220,
0.2908

■ 0.1655, 0.3488,
0.1873

■ 79.5779, 0.3153,
0.3188

■ 79.5779, 0.3153,
0.3188

■ 67.0308, 0.3207,
0.2994

■ 93.9729, 0.3107,
0.3373

■ 56.2457, 0.3269,
0.2795

■ 96.8456, 0.3074,
0.3356

■ 47.1456, 0.3339,
0.2597

■ 97.1991, 0.3042,
0.3301

■ 39.6434, 0.3419,
0.2408

■ 97.2749, 0.3036,
0.3290

■ 33.6446, 0.3505,
0.2237

■ 29.0443, 0.3597,
0.2095

■ 25.7243, 0.3692,
0.1992

■ 23.5468, 0.3786,
0.1935

■ 22.3420, 0.3877,
0.1925

Harmonies

Analogous

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



79.5779, 0.3071, 0.3154



79.5779, 0.3153, 0.3188



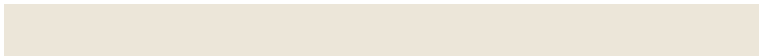
79.5779, 0.3229, 0.3248

Triad

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



79.5779, 0.3153, 0.3188



79.5779, 0.3251, 0.3426



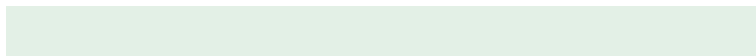
79.5779, 0.2979, 0.3257

Complementary

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



79.5779, 0.3153, 0.3188



84.3971, 0.3102, 0.3394

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.



79.5779, 0.3026, 0.3332



79.5779, 0.3153, 0.3188



79.5779, 0.3183, 0.3430

Square

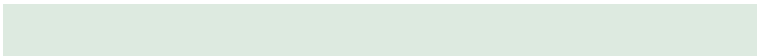
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5779, 0.3153, 0.3188



79.5779, 0.3286, 0.3385



79.5779, 0.3100, 0.3396



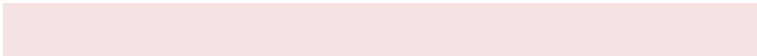
79.5779, 0.2971, 0.3193

Rectangle

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



79.5779, 0.3153, 0.3188



79.5779, 0.3266, 0.3296



79.5779, 0.3100, 0.3396



79.5779, 0.2990, 0.3282

Sweetspot

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



79.5813, 0.3153, 0.3188



96.7126, 0.3136, 0.3253



78.0554, 0.3065, 0.3154



20.7349, 0.3136, 0.3255



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

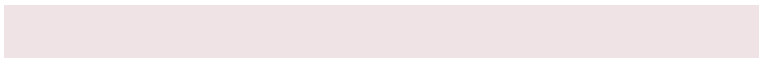
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5813, 0.3153, 0.3188



88.8697, 0.3161, 0.3158



79.2064, 0.3195, 0.3254



16.4896, 0.3164, 0.3147



12.0562, 0.3904, 0.1924



1.0181, 0.3793, 0.1863

Inverse Universe

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



79.5813, 0.3153, 0.3188



88.8697, 0.3161, 0.3158



84.7711, 0.3063, 0.3326



16.4896, 0.3164, 0.3147



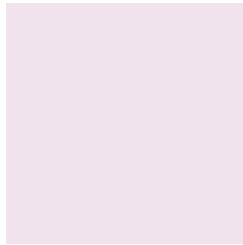
12.0562, 0.3904, 0.1924



1.0181, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 79.5779, 0.3153, 0.3188 looks on a white background.

Color Contrast Check

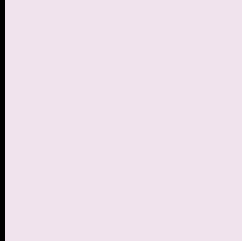
Large Text (above 18pt) WCAG AA × Fail

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 79.5779, 0.3153, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

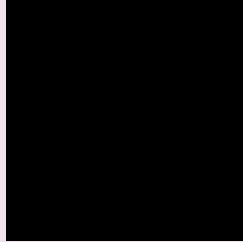
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

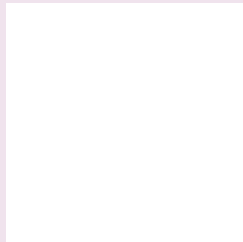
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5779, 0.3153, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 79.5779, 0.3153, 0.3188.

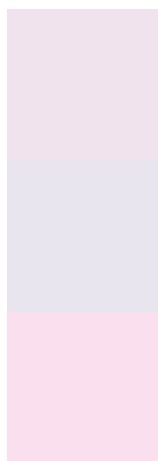


This preview shows how white text looks on a background with the Yxy color 79.5779, 0.3153, 0.3188.

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

79.5779, 0.3153, 0.3188

Protanopia

79.3675, 0.3091, 0.3197

Deuteranopia

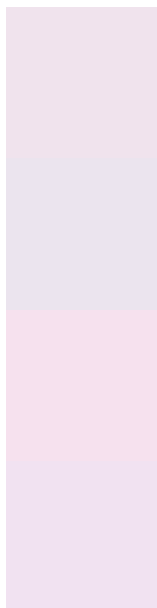
79.8083, 0.3218, 0.3151



Tritanopia

79.6251, 0.3115, 0.3108

Trichromacy



Original Color

79.5779, 0.3153, 0.3188

Protanomaly

79.3220, 0.3111, 0.3187

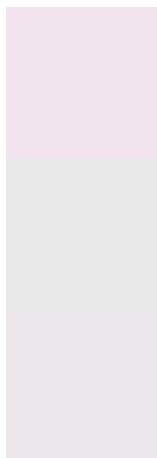
Deuteranomaly

79.6163, 0.3189, 0.3159

Tritanomaly

79.4444, 0.3134, 0.3138

Monochromacy



Original Color

79.5779, 0.3153, 0.3188

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.1963, 0.3136, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5779, 0.3153, 0.3188 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, 227, 237)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 237)  
}
```

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, 227, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.5779, 0.3153, 0.3188 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, 227, 237) }
```

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

```
.border{ border-color:rgb(240, 227, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5779, 0.3153, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 237) }
```

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

```
.background{ background-color: rgb(240,  
227, 237) }
```

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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