

Converting Colors

Yxy(79.9143, 0.3156, 0.3110)

Have a look what the booklet for
Yxy(79.9143, 0.3156, 0.3110)
contains.

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Color

Yxy(79.9143, 0.3156, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	F6E1F3
RGB	246, 225, 243
RGB Percent	96%, 88%, 95%
CMY	0.0355, 0.1176, 0.0470
CMYK	0.00, 0.09, 0.01, 0.04
HSL	308°, 54%, 92%
HSV	308°, 9%, 96%
XYZ	81.0963, 79.9143, 95.9486
YIQ	233.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

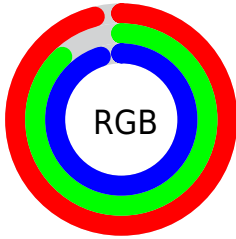
Format	Color
R _Y B	246, 225, 243
Decimal	16179699
CIE Lab	91.65, 10.24, -6.15
CIE LCh	92, 11.943, 329.021
Yxy	79.9143, 0.3156, 0.3110
Android (android.graphics.Color)	4294369779 (0xFFFF6E1F3)
YUV	233.3310, 4.7668, 11.1107
Hunter-Lab	89.3948, 5.4890, -1.0603

Details

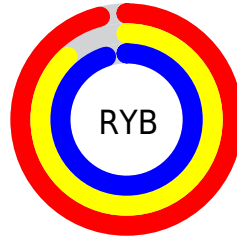
The Yxy color **79.9143, 0.3156, 0.3110** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4924, 0.3100, 0.3477**, and the grayscale version is **81.7057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2845, 0.3164, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **67.3549, 0.3194, 0.2892**, and if you desaturate by 10%, it is **94.4000, 0.3122, 0.3321**.

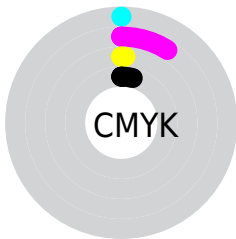
Distribution



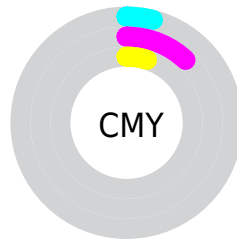
- Red (96%)
- Green (88%)
- Blue (95%)



- Red (96%)
- Yellow (88%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9143, 0.3156, 0.3110 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 79.9143, 0.3156, 0.3110 by changing the saturation by 10% instead.

 79.9143, 0.3156,
0.3110

 79.9143, 0.3156,
0.3110


494.6440, 0.3143,
0.3191

 59.6478, 0.3159,
0.3092


133.2452, 0.3152,
0.3138

 43.1348, 0.3162,
0.3070

167.0785, 0.3150,
0.3148

 29.9909, 0.3166,
0.3043


206.2028, 0.3149,
0.3158

 19.8317, 0.3171,
0.3008

251.0026, 0.3147,
0.3166

 12.2728, 0.3177,
0.2962

301.8622, 0.3146,
0.3173

 6.9297, 0.3186,
0.2897

359.1660, 0.3145,

 3.4182, 0.3198,

0.3180

0.2801

423.2985, 0.3144,
0.3186

■ 1.3538, 0.3217,
0.2643

■ 0.1823, 0.3430,
0.1477

■ 79.9143, 0.3156,
0.3110

■ 79.9143, 0.3156,
0.3110

■ 67.3549, 0.3194,
0.2892

■ 94.4000, 0.3122,
0.3321

■ 56.6298, 0.3237,
0.2671

■ 98.0015, 0.3100,
0.3339

■ 47.6552, 0.3285,
0.2456

■ 98.2206, 0.3081,
0.3305

■ 40.3366, 0.3337,
0.2254

■ 98.3240, 0.3072,
0.3290

■ 34.5706, 0.3391,
0.2077

■ 30.2421, 0.3446,
0.1934

■ 27.2201, 0.3500,
0.1832

■ 25.3498, 0.3552,
0.1775

■ 24.4100, 0.3600,
0.1761

Harmonies

Analogous

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



79.9143, 0.3017, 0.3058



79.9143, 0.3156, 0.3110



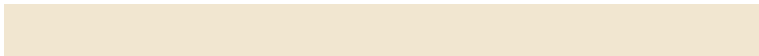
79.9143, 0.3290, 0.3207

Triad

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



79.9143, 0.3156, 0.3110



79.9143, 0.3347, 0.3517



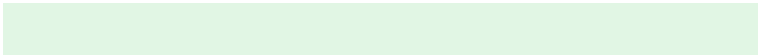
79.9143, 0.2881, 0.3245

Complementary

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



79.9143, 0.3156, 0.3110



87.4924, 0.3100, 0.3477

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.



79.9143, 0.2965, 0.3374



79.9143, 0.3156, 0.3110



79.9143, 0.3234, 0.3533

Square

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



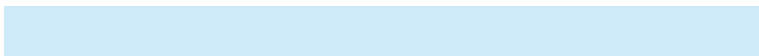
79.9143, 0.3156, 0.3110



79.9143, 0.3401, 0.3440



79.9143, 0.3094, 0.3481



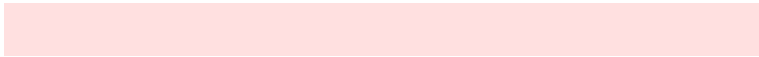
79.9143, 0.2861, 0.3132

Rectangle

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



79.9143, 0.3156, 0.3110



79.9143, 0.3357, 0.3286



79.9143, 0.3094, 0.3481



79.9143, 0.2902, 0.3288

Sweetspot

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



79.9178, 0.3156, 0.3110



95.1467, 0.3137, 0.3227



76.9765, 0.3014, 0.3073



20.0947, 0.3140, 0.3210



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

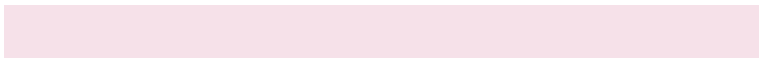
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9178, 0.3156, 0.3110



84.5668, 0.3161, 0.3077



79.3121, 0.3224, 0.3213



16.7258, 0.3160, 0.3089



12.9945, 0.3600, 0.1757



1.1529, 0.3543, 0.1726

Inverse Universe

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



79.9178, 0.3156, 0.3110



84.5668, 0.3161, 0.3077



88.0822, 0.3039, 0.3369



16.7258, 0.3160, 0.3089



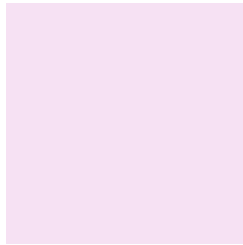
12.9945, 0.3600, 0.1757



1.1529, 0.3543, 0.1726

Previews

White Background



This preview shows how the Yxy color 79.9143, 0.3156, 0.3110 looks on a white background.

Color Contrast Check

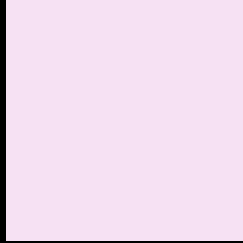
Large Text (above 18pt) WCAG AA × Fail

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 79.9143, 0.3156, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

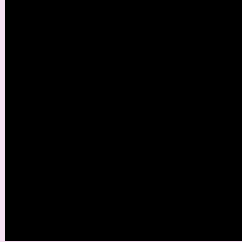
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9143, 0.3156, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 79.9143, 0.3156, 0.3110.



This preview shows how white text looks on a background with the Yxy color 79.9143, 0.3156, 0.3110.

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

79.9143, 0.3156, 0.3110

Protanopia

80.2364, 0.3034, 0.3126

Deuteranopia

79.7388, 0.3171, 0.3101



Tritanopia

79.9143, 0.3156, 0.3110

Trichromacy



Original Color

79.9143, 0.3156, 0.3110

Protanomaly

79.9122, 0.3074, 0.3117

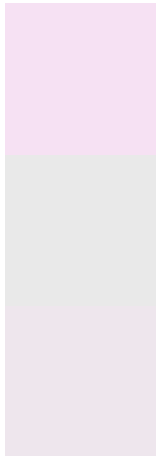
Deuteranomaly

79.5565, 0.3164, 0.3100

Tritanomaly

79.9143, 0.3156, 0.3110

Monochromacy



Original Color

79.9143, 0.3156, 0.3110

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.8852, 0.3137, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9143, 0.3156, 0.3110 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(246, 225, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 225, 243)  
}
```

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(246, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 225, 243) }
```

Border

The CSS property to change the border of an element to Yxy 79.9143, 0.3156, 0.3110 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(246, 225, 243) }
```

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

```
.border{ border-color:rgb(246, 225, 243) }
```

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

Here you see how a box with a 4 pixel rgb(246, 225, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 225, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 225, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 225,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9143, 0.3156, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 225, 243) }
```

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

```
.background{ background-color: rgb(246,  
225, 243) }
```

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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