

Converting Colors

Yxy(79.4094, 0.3166, 0.3160)

Have a look what the booklet for
Yxy(79.4094, 0.3166, 0.3160)
contains.

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Color

Yxy(79.6204, 0.3168, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	F3E2EE
RGB	243, 226, 238
RGB Percent	95%, 89%, 93%
CMY	0.0469, 0.1137, 0.0668
CMYK	0.00, 0.07, 0.02, 0.05
HSL	318°, 42%, 92%
HSV	318°, 7%, 95%
XYZ	79.5953, 79.6204, 92.0320
YIQ	232.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

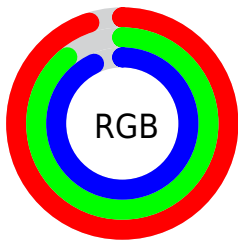
Format	Color
R _Y B	243, 226, 238
Decimal	15983342
CIE Lab	91.51, 7.86, -3.73
CIE LCh	92, 8.704, 334.627
Yxy	79.6204, 0.3168, 0.3169
Android (android.graphics.Color)	4294173422 (0xFF3E2EE)
YUV	232.4510, 2.7357, 9.2515
Hunter-Lab	89.2303, 3.0728, 1.3095

Details

The Yxy color **79.6204, 0.3168, 0.3169** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0647, 0.3089, 0.3414**, and the grayscale version is **81.0308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0680, 0.3179, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **66.9132, 0.3235, 0.2990**, and if you desaturate by 10%, it is **94.2250, 0.3111, 0.3340**.

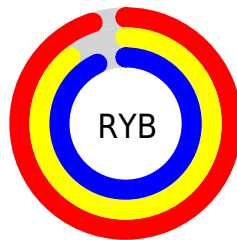
Distribution



Red (95%)

Green (89%)

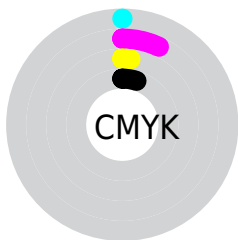
Blue (93%)



Red (95%)

Yellow (89%)

Blue (93%)

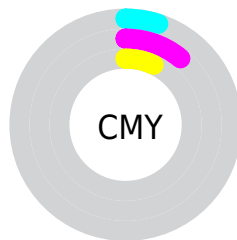


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (5%)



Cyan (5%)


Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6204, 0.3168, 0.3169 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 79.6204, 0.3168, 0.3169 by changing the saturation by 10% instead.


 79.6204, 0.3168,
0.3169

 79.6204, 0.3168,
0.3169


493.6526, 0.3150,
0.3224

 59.4060, 0.3172,
0.3157

132.8319, 0.3162,
0.3188

 42.9401, 0.3177,
0.3142


166.5978, 0.3159,
0.3195

 29.8381, 0.3183,
0.3123


205.6497, 0.3157,
0.3201

 19.7157, 0.3191,
0.3099

250.3720, 0.3155,
0.3207

 12.1886, 0.3202,
0.3067

301.1490, 0.3154,
0.3212

 6.8722, 0.3216,
0.3022

358.3652, 0.3152,

 3.3823, 0.3239,

0.3216

0.2955

422.4049, 0.3151,
0.3220

■ 1.3344, 0.3275,
0.2842

■ 0.1676, 0.3651,
0.1742

■ 79.6204, 0.3168,
0.3169

■ 79.6204, 0.3168,
0.3169

■ 66.9132, 0.3235,
0.2990

■ 94.2250, 0.3111,
0.3340

■ 56.0143, 0.3314,
0.2806

■ 97.6370, 0.3068,
0.3315

■ 46.8432, 0.3404,
0.2622

■ 97.8010, 0.3054,
0.3290

■ 39.3090, 0.3507,
0.2448

■ 33.3125, 0.3620,
0.2292

■ 28.7437, 0.3742,
0.2166

■ 25.4780, 0.3869,
0.2080

■ 23.3691, 0.3997,
0.2043

■ 22.2293, 0.4120,
0.2054

Harmonies

Analogous

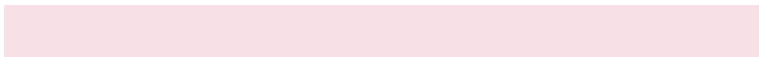
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6204, 0.3065, 0.3124



79.6204, 0.3168, 0.3169



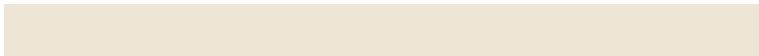
79.6204, 0.3261, 0.3245

Triad

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



79.6204, 0.3168, 0.3169



79.6204, 0.3275, 0.3461



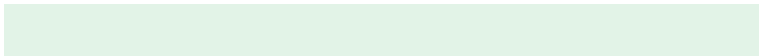
79.6204, 0.2940, 0.3241

Complementary

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



79.6204, 0.3168, 0.3169



86.0647, 0.3089, 0.3414

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.



79.6204, 0.2994, 0.3334



79.6204, 0.3168, 0.3169



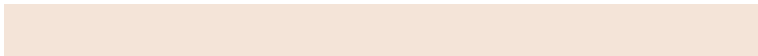
79.6204, 0.3187, 0.3463

Square

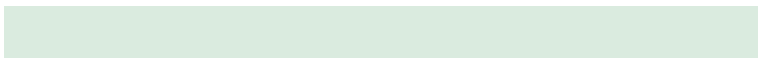
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6204, 0.3168, 0.3169



79.6204, 0.3323, 0.3413



79.6204, 0.3084, 0.3416



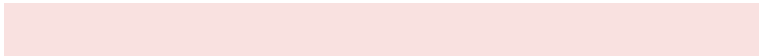
79.6204, 0.2935, 0.3163

Rectangle

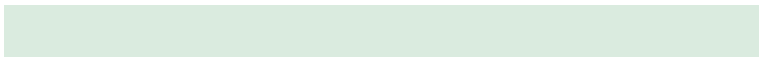
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6204, 0.3168, 0.3169



79.6204, 0.3304, 0.3305



79.6204, 0.3084, 0.3416



79.6204, 0.2953, 0.3272

Sweetspot

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



79.6239, 0.3168, 0.3169



96.6917, 0.3138, 0.3256



77.8251, 0.3052, 0.3114



20.7306, 0.3138, 0.3258



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.



79.6239, 0.3168, 0.3169



87.2828, 0.3174, 0.3151



79.1488, 0.3222, 0.3253



16.6793, 0.3184, 0.3125



12.0890, 0.4138, 0.2053



1.0805, 0.3993, 0.1974

Inverse Universe

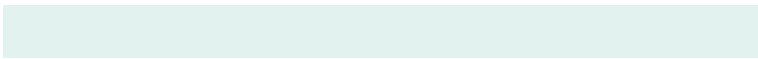
The Inverse Universe completely reimagines the original color for something new.



79.6239, 0.3168, 0.3169



87.2828, 0.3174, 0.3151



86.5434, 0.3040, 0.3328



16.6793, 0.3184, 0.3125



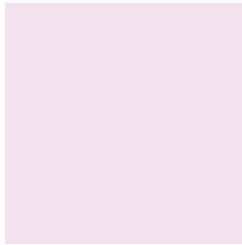
12.0890, 0.4138, 0.2053



1.0805, 0.3993, 0.1974

Previews

White Background



This preview shows how the Yxy color 79.6204, 0.3168, 0.3169 looks on a white background.

Color Contrast Check

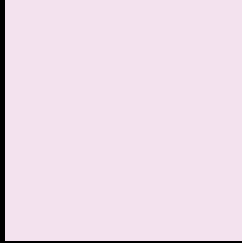
Large Text (above 18pt) WCAG AA × Fail

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 79.6204, 0.3168, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

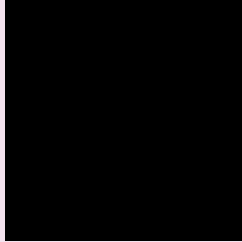
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

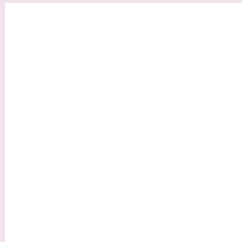
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6204, 0.3168, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 79.6204, 0.3168, 0.3169.

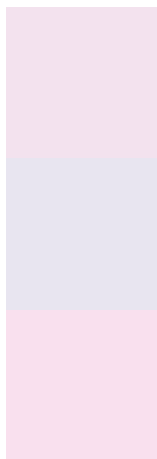


This preview shows how white text looks on a background with the Yxy color 79.6204, 0.3168, 0.3169.

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

79.6204, 0.3168, 0.3169

Protanopia

79.4857, 0.3078, 0.3176

Deuteranopia

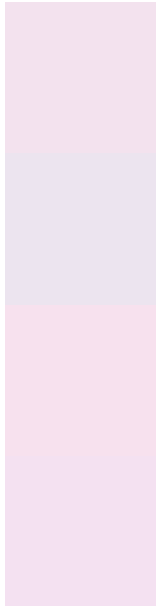
79.6241, 0.3211, 0.3150



Tritanopia

79.5546, 0.3143, 0.3109

Trichromacy



Original Color

79.6204, 0.3168, 0.3169

Protanomaly

79.5517, 0.3112, 0.3177

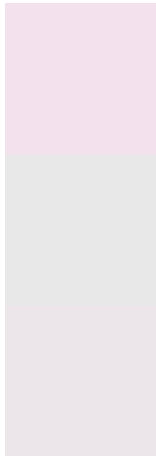
Deuteranomaly

79.7976, 0.3196, 0.3160

Tritanomaly

79.4344, 0.3156, 0.3129

Monochromacy



Original Color

79.6204, 0.3168, 0.3169

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3670, 0.3143, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6204, 0.3168, 0.3169 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(243, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(243, 226, 238)  
}
```

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(243, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 226, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.6204, 0.3168, 0.3169 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(243, 226, 238) }
```

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

```
.border{ border-color:rgb(243, 226, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 226, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(243, 226,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6204, 0.3168, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 226, 238) }
```

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

```
.background{ background-color: rgb(243,  
226, 238) }
```

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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