

Converting Colors

$Y_{xy}(79.1197, 0.3158, 0.3183)$

Have a look what the booklet for
Yxy(79.1197, 0.3158, 0.3183)
contains.

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Color

Yxy(79.0324, 0.3153, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	F0E2ED
RGB	240, 226, 237
RGB Percent	94%, 89%, 93%
CMY	0.0589, 0.1137, 0.0706
CMYK	0.00, 0.06, 0.01, 0.06
HSL	313°, 32%, 91%
HSV	313°, 6%, 94%
XYZ	78.4107, 79.0324, 91.2429
YIQ	231.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

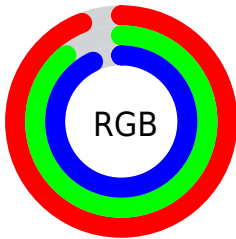
Format	Color
R_{YB}	240, 226, 237
Decimal	15786733
CIE Lab	91.25, 6.66, -3.65
CIE LCh	91, 7.591, 331.301
Yxy	79.0324, 0.3153, 0.3178
Android (android.graphics.Color)	4293976813 (0xFFFF0E2ED)
YUV	231.4400, 2.7411, 7.5071
Hunter-Lab	88.9002, 1.8632, 1.3777

Details

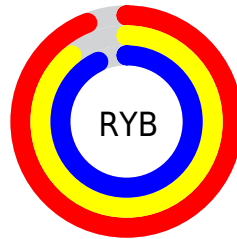
The Yxy color **79.0324, 0.3153, 0.3178** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.1324, 0.3102, 0.3405**, and the grayscale version is **80.2323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6524, 0.3160, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **66.5898, 0.3203, 0.2979**, and if you desaturate by 10%, it is **93.3168, 0.3110, 0.3368**.

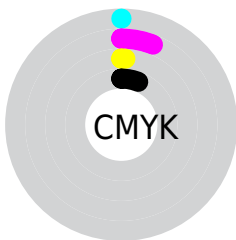
Distribution



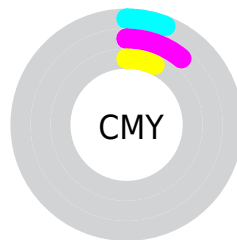
- Red (94%)
- Green (89%)
- Blue (93%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0324, 0.3153, 0.3178 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 79.0324, 0.3153, 0.3178 by changing the saturation by 10% instead.


 79.0324, 0.3153,
0.3178

 79.0324, 0.3153,
0.3178


491.6659, 0.3141,
0.3229

 58.9224, 0.3156,
0.3167


132.0045, 0.3149,
0.3195

 42.5507, 0.3159,
0.3153


165.6354, 0.3148,
0.3202

 29.5327, 0.3163,
0.3135


204.5421, 0.3146,
0.3208

 19.4842, 0.3167,
0.3113

249.1089, 0.3145,
0.3213

 12.0207, 0.3174,
0.3083

299.7203, 0.3144,
0.3218

 6.7578, 0.3183,
0.3041

356.7607, 0.3143,

 3.3111, 0.3197,

0.3222

0.2977

420.6145, 0.3142,
0.3225

■ 1.2962, 0.3219,
0.2870

■ 0.1383, 0.3509,
0.1651

■ 79.0324, 0.3153,
0.3178

■ 79.0324, 0.3153,
0.3178

■ 66.5898, 0.3203,
0.2979

■ 93.3168, 0.3110,
0.3368

■ 55.9033, 0.3261,
0.2775

■ 96.7698, 0.3079,
0.3366

■ 46.8956, 0.3326,
0.2573

■ 97.0900, 0.3050,
0.3316

■ 39.4796, 0.3399,
0.2380

■ 97.2607, 0.3035,
0.3290

■ 33.5603, 0.3478,
0.2207

■ 29.0327, 0.3562,
0.2063

■ 25.7781, 0.3647,
0.1958

■ 23.6579, 0.3732,
0.1899

■ 22.5008, 0.3813,
0.1888

Harmonies

Analogous

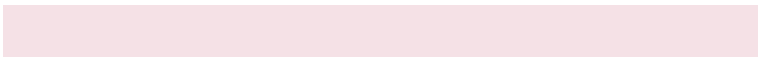
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0324, 0.3064, 0.3142



79.0324, 0.3153, 0.3178



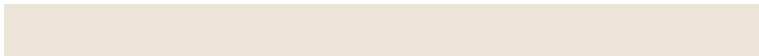
79.0324, 0.3236, 0.3243

Triad

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



79.0324, 0.3153, 0.3178



79.0324, 0.3263, 0.3437



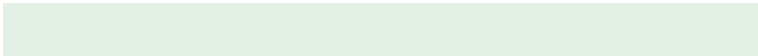
79.0324, 0.2967, 0.3256

Complementary

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



79.0324, 0.3153, 0.3178



84.1324, 0.3102, 0.3405

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.



79.0324, 0.3018, 0.3337



79.0324, 0.3153, 0.3178



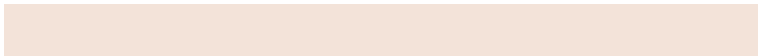
79.0324, 0.3189, 0.3443

Square

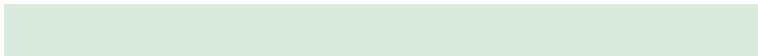
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0324, 0.3153, 0.3178



79.0324, 0.3300, 0.3392



79.0324, 0.3100, 0.3406



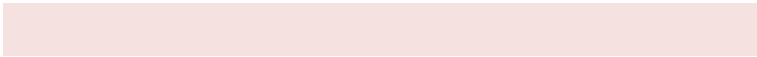
79.0324, 0.2957, 0.3186

Rectangle

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



79.0324, 0.3153, 0.3178



79.0324, 0.3277, 0.3294



79.0324, 0.3100, 0.3406



79.0324, 0.2980, 0.3283

Sweetspot

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



79.0358, 0.3153, 0.3178



96.7193, 0.3136, 0.3252



77.3165, 0.3058, 0.3145



20.7363, 0.3135, 0.3254



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.



79.0358, 0.3153, 0.3178



88.8929, 0.3159, 0.3154



78.6458, 0.3197, 0.3247



16.4943, 0.3161, 0.3143



12.1701, 0.3833, 0.1885



1.0266, 0.3735, 0.1831

Inverse Universe

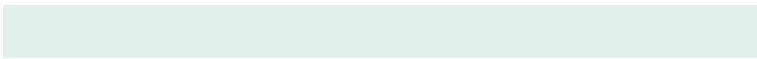
The Inverse Universe completely reimagines the original color for something new.



79.0358, 0.3153, 0.3178



88.8929, 0.3159, 0.3154



84.5197, 0.3062, 0.3333



16.4943, 0.3161, 0.3143



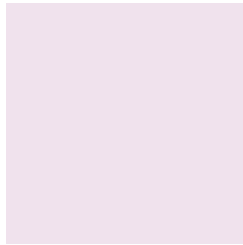
12.1701, 0.3833, 0.1885



1.0266, 0.3735, 0.1831

Previews

White Background



This preview shows how the Yxy color 79.0324, 0.3153, 0.3178 looks on a white background.

Color Contrast Check

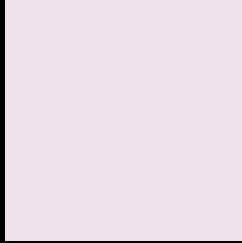
Large Text (above 18pt) WCAG AA × Fail

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 79.0324, 0.3153, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

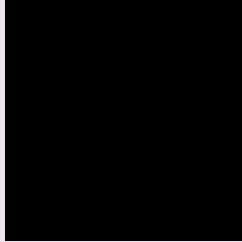
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

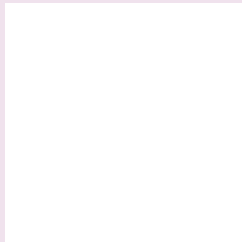
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0324, 0.3153, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 79.0324, 0.3153, 0.3178.

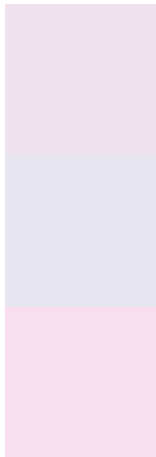


This preview shows how white text looks on a background with the Yxy color 79.0324, 0.3153, 0.3178.

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

79.0324, 0.3153, 0.3178

Protanopia

79.2595, 0.3078, 0.3186

Deuteranopia

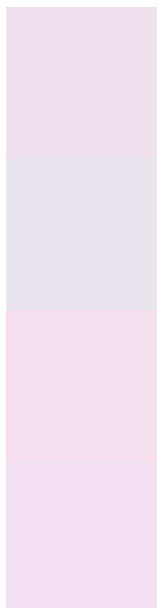
79.0881, 0.3212, 0.3140



Tritanopia

79.0223, 0.3122, 0.3108

Trichromacy



Original Color

79.0324, 0.3153, 0.3178

Protanomaly

79.1523, 0.3105, 0.3187

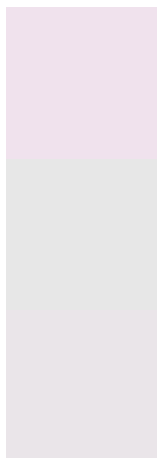
Deuteranomaly

79.0772, 0.3190, 0.3149

Tritanomaly

78.9021, 0.3135, 0.3128

Monochromacy



Original Color

79.0324, 0.3153, 0.3178

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.4142, 0.3136, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0324, 0.3153, 0.3178 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, 226, 237) looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 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, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.0324, 0.3153, 0.3178 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, 226, 237) }
```

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

```
.border{ border-color:rgb(240, 226, 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, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 226, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 226, 237); box-shadow:4px 4px 4px 4px rgb(240, 226, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0324, 0.3153, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 237) }
```

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

```
.background{ background-color: rgb(240,  
226, 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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