

Converting Colors

Yxy(79.6546, 0.3151, 0.3248)

Have a look what the booklet for
Yxy(79.6546, 0.3151, 0.3248)
contains.

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Color

Yxy(79.7547, 0.3150, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	ECE5E9
RGB	236, 229, 233
RGB Percent	93%, 90%, 91%
CMY	0.0744, 0.1020, 0.0863
CMYK	0.00, 0.03, 0.01, 0.07
HSL	326°, 16%, 91%
HSV	326°, 3%, 93%
XYZ	77.3245, 79.7547, 88.3954
YIQ	231.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

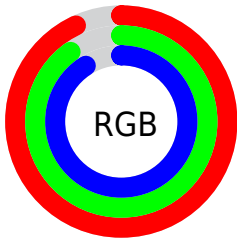
Format	Color
R_{YB}	236, 229, 233
Decimal	15525353
CIE Lab	91.57, 3.08, -1.10
CIE LCh	92, 3.270, 340.318
Yxy	79.7547, 0.3150, 0.3249
Android (android.graphics.Color)	4293715433 (0xFFECE5E9)
YUV	231.5490, 0.7153, 3.9035
Hunter-Lab	89.3055, -1.7317, 3.8280

Details

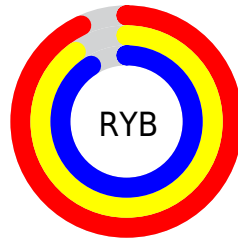
The Yxy color **79.7547, 0.3150, 0.3249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4954, 0.3105, 0.3331**, and the grayscale version is **80.3387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1497, 0.3156, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **67.0045, 0.3237, 0.3106**, and if you desaturate by 10%, it is **94.3214, 0.3078, 0.3383**.

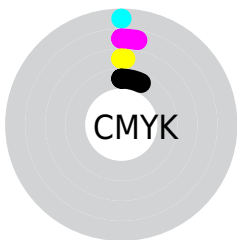
Distribution



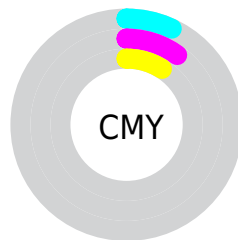
- Red (93%)
- Green (90%)
- Blue (91%)



- Red (93%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7547, 0.3150, 0.3249 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 79.7547, 0.3150, 0.3249 by changing the saturation by 10% instead.

79.7547, 0.3150,
0.3249

79.7547, 0.3150,
0.3249

494.1058, 0.3140,
0.3268

59.5165, 0.3152,
0.3245

133.0208, 0.3146,
0.3255

43.0291, 0.3155,
0.3240

166.8175, 0.3145,
0.3258

29.9079, 0.3159,
0.3233

205.9025, 0.3144,
0.3260

19.7687, 0.3163,
0.3225

250.6602, 0.3143,
0.3262

12.2270, 0.3170,
0.3214

301.4750, 0.3142,
0.3264

6.8985, 0.3178,
0.3198

358.7312, 0.3141,

3.3987, 0.3192,

0.3265

422.8134, 0.3140,
0.3267

0.3174

1.3433, 0.3215,
0.3132

0.1743, 0.3532,
0.2556

79.7547, 0.3150,
0.3249

79.7547, 0.3150,
0.3249

67.0045, 0.3237,
0.3106

94.3214, 0.3078,
0.3383

55.9888, 0.3340,
0.2957

96.4784, 0.3020,
0.3305

46.6345, 0.3463,
0.2806

96.5782, 0.3012,
0.3290

38.8592, 0.3606,
0.2658

■ 32.5736, 0.3771,
0.2522

■ 27.6793, 0.3955,
0.2409

■ 24.0660, 0.4155,
0.2331

■ 21.6062, 0.4362,
0.2301

■ 20.1461, 0.4567,
0.2323

Harmonies

Analogous

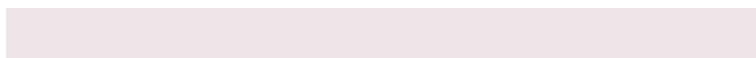
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7547, 0.3111, 0.3229



79.7547, 0.3150, 0.3249



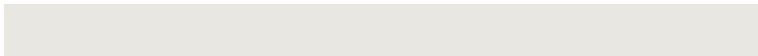
79.7547, 0.3183, 0.3280

Triad

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



79.7547, 0.3150, 0.3249



79.7547, 0.3177, 0.3356



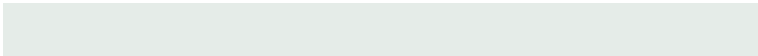
79.7547, 0.3055, 0.3266

Complementary

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



79.7547, 0.3150, 0.3249



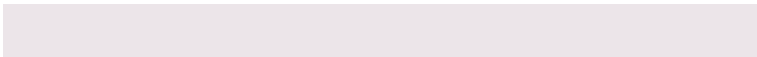
82.4954, 0.3105, 0.3331

Split Complementary

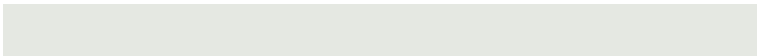
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7547, 0.3072, 0.3300



79.7547, 0.3150, 0.3249



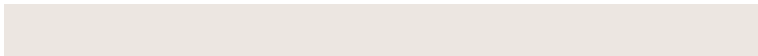
79.7547, 0.3143, 0.3352

Square

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



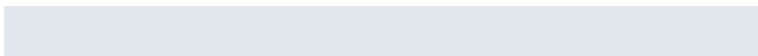
79.7547, 0.3150, 0.3249



79.7547, 0.3199, 0.3341



79.7547, 0.3104, 0.3332



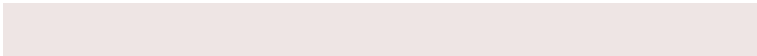
79.7547, 0.3056, 0.3239

Rectangle

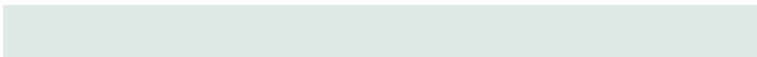
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



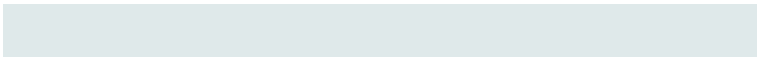
79.7547, 0.3150, 0.3249



79.7547, 0.3197, 0.3303



79.7547, 0.3104, 0.3332



79.7547, 0.3058, 0.3277

Sweetspot

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



79.7581, 0.3150, 0.3249



98.3128, 0.3135, 0.3276



79.2592, 0.3103, 0.3217



21.0608, 0.3134, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

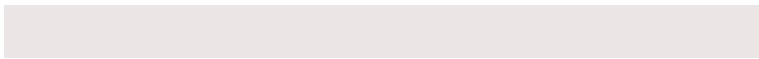
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7581, 0.3150, 0.3249



93.3824, 0.3158, 0.3235



79.5592, 0.3173, 0.3285



16.4990, 0.3164, 0.3225



10.8005, 0.4676, 0.2350



0.8674, 0.4417, 0.2207

Inverse Universe

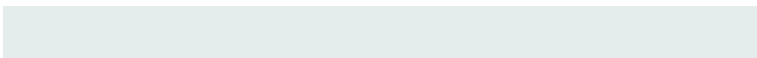
The Inverse Universe completely reimagines the original color for something new.



79.7581, 0.3150, 0.3249



93.3824, 0.3158, 0.3235



82.6973, 0.3083, 0.3295



16.4990, 0.3164, 0.3225



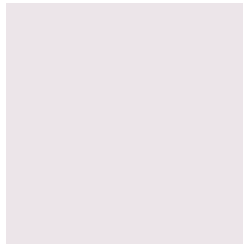
10.8005, 0.4676, 0.2350



0.8674, 0.4417, 0.2207

Previews

White Background



This preview shows how the Yxy color 79.7547, 0.3150, 0.3249 looks on a white background.

Color Contrast Check

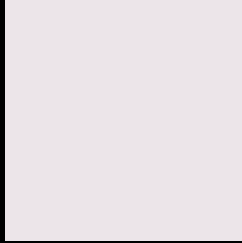
Large Text (above 18pt) WCAG AA × Fail

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 79.7547, 0.3150, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

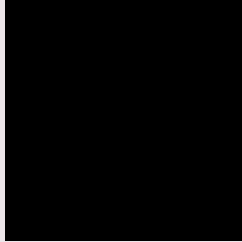
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

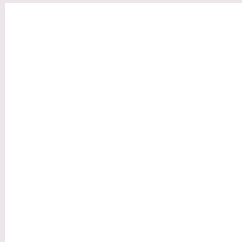
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7547, 0.3150, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 79.7547, 0.3150, 0.3249.

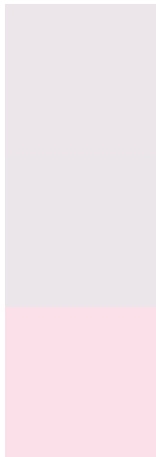


This preview shows how white text looks on a background with the Yxy color 79.7547, 0.3150, 0.3249.

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

79.7547, 0.3150, 0.3249

Protanopia

79.9692, 0.3135, 0.3259

Deuteranopia

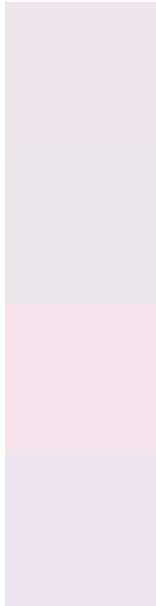
79.7611, 0.3252, 0.3190



Tritanopia

79.7079, 0.3088, 0.3107

Trichromacy



Original Color

79.7547, 0.3150, 0.3249

Protanomaly

80.1390, 0.3142, 0.3259

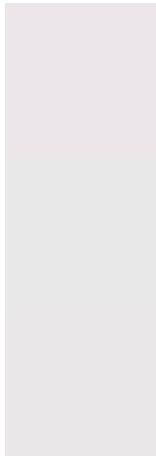
Deuteranomaly

79.9261, 0.3215, 0.3209

Tritanomaly

79.8422, 0.3106, 0.3157

Monochromacy



Original Color

79.7547, 0.3150, 0.3249

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3017, 0.3134, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7547, 0.3150, 0.3249 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(236, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(236, 229, 233)  
}
```

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(236, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 229, 233) }
```

Border

The CSS property to change the border of an element to Yxy 79.7547, 0.3150, 0.3249 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(236, 229, 233) }
```

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

```
.border{ border-color:rgb(236, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(236, 229,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7547, 0.3150, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 229, 233) }
```

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

```
.background{ background-color: rgb(236,  
229, 233) }
```

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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