

Converting Colors

$Y_{xy}(79.5778, 0.3207, 0.3245)$

Have a look what the booklet for
Yxy(79.5778, 0.3207, 0.3245)
contains.

Yxy(79.5849, 0.3206, 0.3249)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.5849, 0.3206, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F2E3E7
RGB	242, 227, 231
RGB Percent	95%, 89%, 91%
CMY	0.0507, 0.1099, 0.0940
CMYK	0.00, 0.06, 0.05, 0.05
HSL	344°, 37%, 92%
HSV	344°, 6%, 95%
XYZ	78.5316, 79.5849, 86.8355
YIQ	231.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

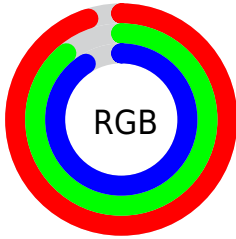
Format	Color
R _Y B	242, 227, 231
Decimal	15918055
CIE Lab	91.50, 5.82, -0.13
CIE LCh	91, 5.826, 358.731
Yxy	79.5849, 0.3206, 0.3249
Android (android.graphics.Color)	4294108135 (0xFF2E3E7)
YUV	231.9410, -0.4639, 8.8217
Hunter-Lab	89.2104, 1.0148, 4.7356

Details

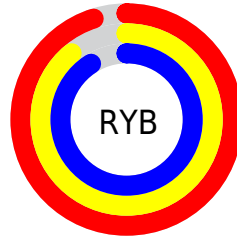
The Yxy color **79.5849, 0.3206, 0.3249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0523, 0.3054, 0.3331**, and the grayscale version is **80.6581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0393, 0.3228, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **66.3136, 0.3356, 0.3180**, and if you desaturate by 10%, it is **94.8262, 0.3084, 0.3314**.

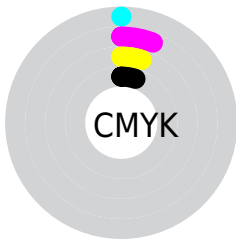
Distribution



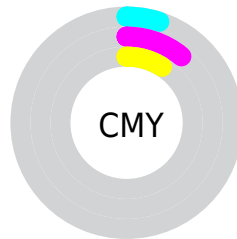
- Red (95%)
- Green (89%)
- Blue (91%)



- Red (95%)
- Yellow (89%)
- Blue (91%)



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




- Cyan (5%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5849, 0.3206, 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 79.5849, 0.3206, 0.3249 by changing the saturation by 10% instead.


 79.5849, 0.3206,
0.3249

 79.5849, 0.3206,
0.3249


493.5328, 0.3170,
0.3268

 59.3768, 0.3214,
0.3245

132.7820, 0.3194,
0.3255

 42.9165, 0.3224,
0.3240


166.5397, 0.3189,
0.3258

 29.8196, 0.3236,
0.3233


205.5829, 0.3185,
0.3260

 19.7017, 0.3253,
0.3225

250.2958, 0.3181,
0.3262

 12.1784, 0.3274,
0.3213

301.0628, 0.3178,
0.3264

 6.8653, 0.3305,
0.3197

358.2684, 0.3175,

 3.3780, 0.3353,

0.3265

0.3172

422.2970, 0.3172,
0.3267

■ 1.3321, 0.3435,
0.3130

■ 0.1659, 0.4575,
0.2531

■ 79.5849, 0.3206,
0.3249

■ 79.5849, 0.3206,
0.3249

■ 66.3136, 0.3356,
0.3180

■ 94.8262, 0.3084,
0.3314

■ 54.9218, 0.3541,
0.3107

■ 97.6307, 0.3048,
0.3290

■ 45.3270, 0.3767,
0.3034

■ 37.4368, 0.4039,
0.2965

■ 31.1504, 0.4359,
0.2908

■ 26.3562, 0.4721,
0.2872

■ 22.9284, 0.5106,
0.2871

■ 20.7200, 0.5482,
0.2912

■ 19.5488, 0.5807,
0.2996

Harmonies

Analogous

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



79.5849, 0.3141, 0.3201



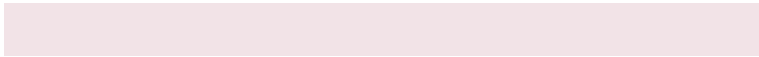
79.5849, 0.3206, 0.3249



79.5849, 0.3250, 0.3309

Triad

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



79.5849, 0.3206, 0.3249



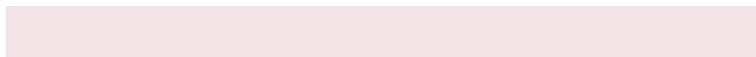
79.5849, 0.3180, 0.3408



79.5849, 0.2996, 0.3214

Complementary

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



79.5849, 0.3206, 0.3249



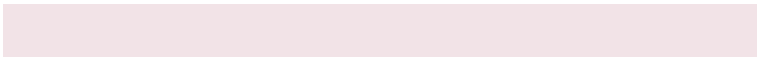
86.0523, 0.3054, 0.3331

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.



79.5849, 0.3006, 0.3270



79.5849, 0.3206, 0.3249



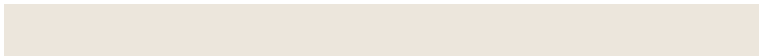
79.5849, 0.3112, 0.3382

Square

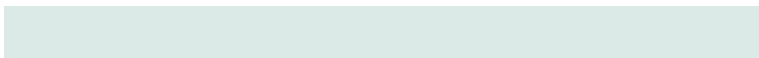
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5849, 0.3206, 0.3249



79.5849, 0.3235, 0.3401



79.5849, 0.3049, 0.3332



79.5849, 0.3020, 0.3180

Rectangle

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



79.5849, 0.3206, 0.3249



79.5849, 0.3261, 0.3347



79.5849, 0.3049, 0.3332



79.5849, 0.2995, 0.3231

Sweetspot

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



79.5884, 0.3206, 0.3249



96.5508, 0.3151, 0.3277



79.4849, 0.3105, 0.3136



20.7020, 0.3150, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

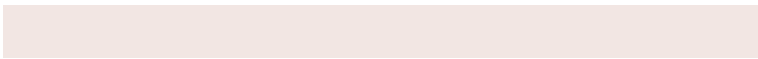
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5884, 0.3206, 0.3249



88.3215, 0.3217, 0.3244



81.1689, 0.3230, 0.3324



16.3792, 0.3224, 0.3240



10.3637, 0.5873, 0.3009



0.8781, 0.5501, 0.2804

Inverse Universe

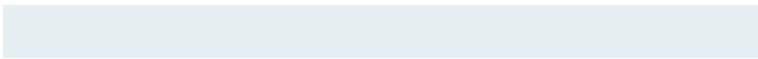
The Inverse Universe completely reimagines the original color for something new.



79.5884, 0.3206, 0.3249



88.3215, 0.3217, 0.3244



84.3619, 0.3031, 0.3256



16.3792, 0.3224, 0.3240



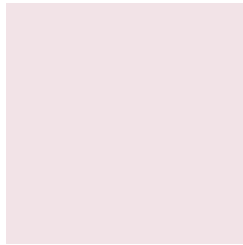
10.3637, 0.5873, 0.3009



0.8781, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 79.5849, 0.3206, 0.3249 looks on a white background.

Color Contrast Check

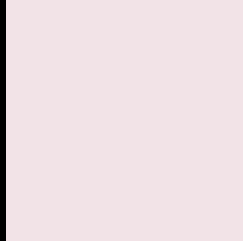
Large Text (above 18pt) WCAG AA × Fail

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 79.5849, 0.3206, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

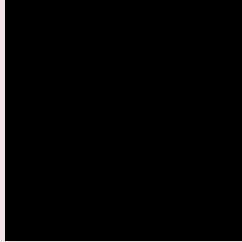
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

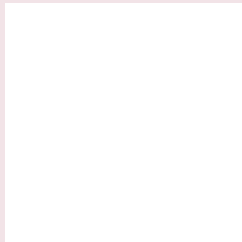
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5849, 0.3206, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 79.5849, 0.3206, 0.3249.

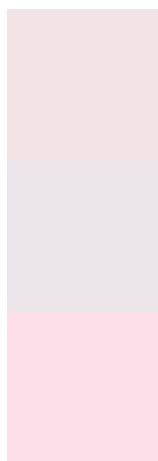


This preview shows how white text looks on a background with the Yxy color 79.5849, 0.3206, 0.3249.

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

79.5849, 0.3206, 0.3249

Protanopia

79.3572, 0.3142, 0.3259

Deuteranopia

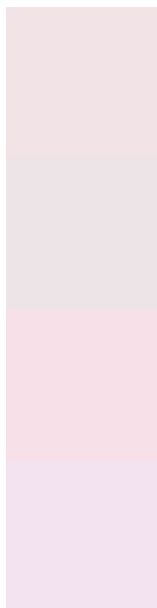
79.2970, 0.3273, 0.3200



Tritanopia

79.5546, 0.3143, 0.3109

Trichromacy



Original Color

79.5849, 0.3206, 0.3249

Protanomaly

79.3175, 0.3164, 0.3249

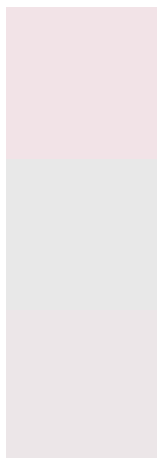
Deuteranomaly

79.0940, 0.3244, 0.3210

Tritanomaly

79.6794, 0.3161, 0.3159

Monochromacy



Original Color

79.5849, 0.3206, 0.3249

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.2527, 0.3155, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5849, 0.3206, 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(242, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 231)  
}
```

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(242, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.5849, 0.3206, 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(242, 227, 231) }
```

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

```
.border{ border-color:rgb(242, 227, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 227, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 227,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5849, 0.3206, 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(242, 227, 231) }
```

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

```
.background{ background-color: rgb(242,  
227, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor