

Converting Colors

$Yxy(79.7803, 0.3060, 0.3379)$

Have a look what the booklet for
Yxy(79.7803, 0.3060, 0.3379)
contains.

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Color

Yxy(79.7144, 0.3057, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	D9EBE3
RGB	217, 235, 227
RGB Percent	85%, 92%, 89%
CMY	0.1488, 0.0785, 0.1097
CMYK	0.08, 0.00, 0.03, 0.08
HSL	153°, 31%, 89%
HSV	153°, 8%, 92%
XYZ	72.2035, 79.7144, 84.2729
YIQ	228.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

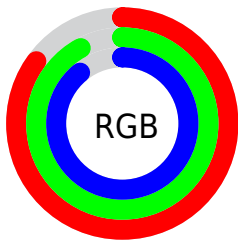
Format	Color
RYB	217, 229, 235
Decimal	14281699
CIELab	91.56, -7.38, 1.81
CIElCh	92, 7.603, 166.195
Yxy	79.7144, 0.3057, 0.3375
Android (android.graphics.Color)	4292471779 (0xFFD9EBE3)
YUV	228.7060, -0.8411, -10.2662
Hunter-Lab	89.2829, -11.8913, 6.5351

Details

The Yxy color **79.7144, 0.3057, 0.3375** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.7517, 0.3203, 0.3207**, and the grayscale version is **78.1472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9001, 0.3037, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **75.8095, 0.2967, 0.3498**, and if you desaturate by 10%, it is **84.1737, 0.3149, 0.3265**.

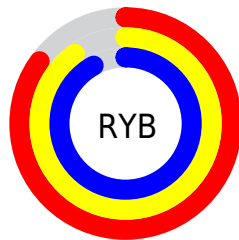
Distribution



Red (85%)

Green (92%)

Blue (89%)



Red (85%)

Yellow (90%)

Blue (92%)

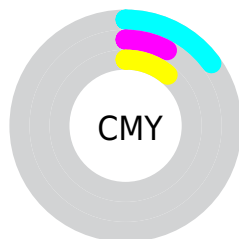


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (8%)



Cyan (15%)

Magenta (8%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.7144, 0.3057, 0.3375 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 79.7144, 0.3057, 0.3375 by changing the saturation by 10% instead.

 79.7144, 0.3057,
0.3375

 79.7144, 0.3057,
0.3375

493.9698, 0.3089,
0.3336

 59.4834, 0.3050,
0.3384

132.9641, 0.3068,
0.3362

 43.0023, 0.3041,
0.3395


166.7516, 0.3072,
0.3356

 29.8870, 0.3030,
0.3408


205.8267, 0.3076,
0.3352

 19.7528, 0.3015,
0.3426

250.5737, 0.3079,
0.3348

 12.2155, 0.2995,
0.3450

301.3772, 0.3082,
0.3344

 6.8906, 0.2967,
0.3485

358.6214, 0.3085,

 3.3938, 0.2924,

0.3341

422.6908, 0.3087,
0.3339

0.3538

1.3406, 0.2848,
0.3633

0.1723, 0.0000,
0.7392

79.7144, 0.3057,
0.3375

79.7144, 0.3057,
0.3375

75.8095, 0.2967,
0.3498

84.1737, 0.3149,
0.3265

72.4267, 0.2882,
0.3633

87.4405, 0.3181,
0.3165

69.5457, 0.2805,
0.3782

87.8899, 0.3136,
0.3097

67.1409, 0.2739,
0.3941

■ 65.1844, 0.2688,
0.4109

■ 63.6453, 0.2653,
0.4283

■ 62.4884, 0.2639,
0.4458

■ 61.6728, 0.2645,
0.4632

■ 61.1434, 0.2670,
0.4799

Harmonies

Analogous

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



79.7144, 0.3145, 0.3430



79.7144, 0.3057, 0.3375



79.7144, 0.2988, 0.3297

Triad

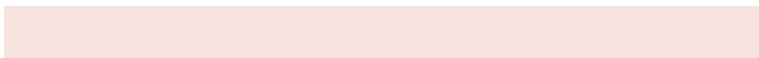
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7144, 0.3057, 0.3375



79.7144, 0.3024, 0.3139



79.7144, 0.3301, 0.3358

Complementary

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



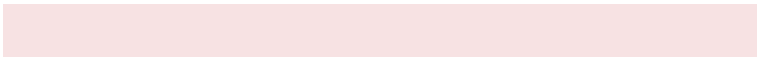
79.7144, 0.3057, 0.3375



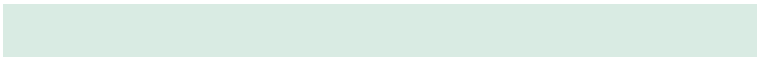
72.7517, 0.3203, 0.3207

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.



79.7144, 0.3268, 0.3281



79.7144, 0.3057, 0.3375



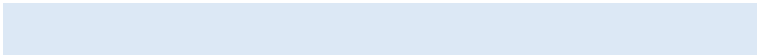
79.7144, 0.3107, 0.3156

Square

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



79.7144, 0.3057, 0.3375



79.7144, 0.2969, 0.3161



79.7144, 0.3197, 0.3207



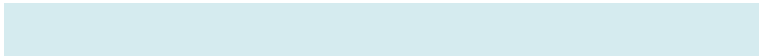
79.7144, 0.3287, 0.3418

Rectangle

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



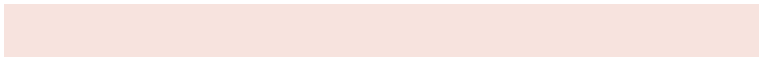
79.7144, 0.3057, 0.3375



79.7144, 0.2962, 0.3244



79.7144, 0.3197, 0.3207



79.7144, 0.3295, 0.3333

Sweetspot

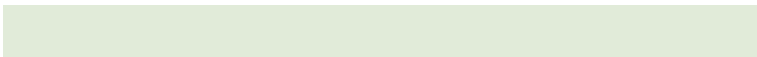
The Sweet Spot groups the original color and five complimentary colors.



79.7178, 0.3057, 0.3375



98.9006, 0.3109, 0.3312



80.4503, 0.3173, 0.3481



21.1803, 0.3110, 0.3311



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.



79.7178, 0.3057, 0.3375



95.2653, 0.3044, 0.3392



79.6556, 0.3009, 0.3280



17.0024, 0.3040, 0.3397



34.0014, 0.2670, 0.4811



2.6893, 0.2606, 0.4581

Inverse Universe

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



72.7517, 0.3203, 0.3207



85.4265, 0.3219, 0.3191



72.7909, 0.3257, 0.3300



15.1652, 0.3223, 0.3186



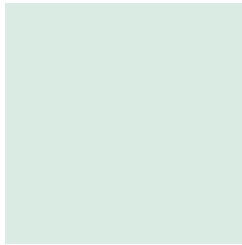
10.4145, 0.5193, 0.2634



0.8369, 0.4850, 0.2445

Previews

White Background



This preview shows how the Yxy color 79.7144, 0.3057, 0.3375 looks on a white background.

Color Contrast Check

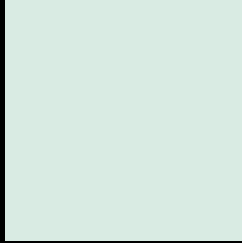
Large Text (above 18pt) WCAG AA × Fail

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 79.7144, 0.3057, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

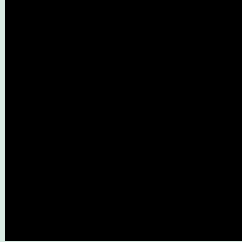
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

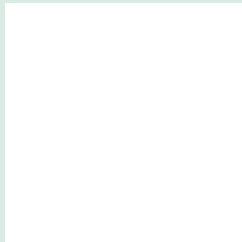
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7144, 0.3057, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 79.7144, 0.3057, 0.3375.

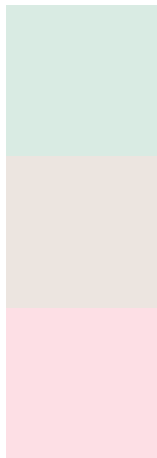


This preview shows how white text looks on a background with the Yxy color 79.7144, 0.3057, 0.3375.

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

79.7144, 0.3057, 0.3375

Protanopia

79.2533, 0.3208, 0.3342

Deuteranopia

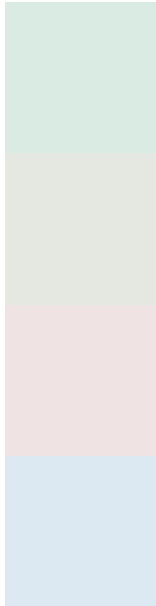
79.3151, 0.3301, 0.3230



Tritanopia

79.9875, 0.2945, 0.3103

Trichromacy



Original Color

79.7144, 0.3057, 0.3375

Protanomaly

79.2461, 0.3152, 0.3353

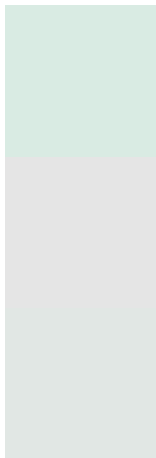
Deuteranomaly

79.0649, 0.3211, 0.3280

Tritanomaly

79.9043, 0.2986, 0.3195

Monochromacy



Original Color

79.7144, 0.3057, 0.3375

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.7608, 0.3105, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7144, 0.3057, 0.3375 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(217, 235, 227)` looks like.

```
.text, #text, p{  
    color:rgb(217, 235, 227)  
}
```

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(217, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 235, 227) }
```

Border

The CSS property to change the border of an element to Yxy 79.7144, 0.3057, 0.3375 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(217, 235, 227) }
```

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

```
.border{ border-color:rgb(217, 235, 227) }
```

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

Here you see how a box with a 4 pixel rgb(217, 235, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(217, 235,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7144, 0.3057, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 235, 227) }
```

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

```
.background{ background-color: rgb(217,  
235, 227) }
```

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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