

Converting Colors

$Yxy(83.8303, 0.3034, 0.3278)$

Have a look what the booklet for
Yxy(83.8303, 0.3034, 0.3278)
contains.

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Color

Yxy(84.0318, 0.3030, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E1EFF0
RGB	225, 239, 240
RGB Percent	88%, 94%, 94%
CMY	0.1176, 0.0627, 0.0587
CMYK	0.06, 0.00, 0.00, 0.06
HSL	184°, 33%, 91%
HSV	184°, 6%, 94%
XYZ	77.6506, 84.0318, 94.5902
YIQ	234.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

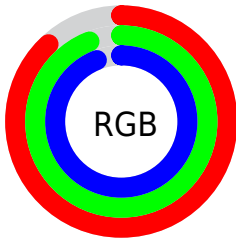
Format	Color
R _Y B	225, 232, 240
Decimal	14807024
CIE Lab	93.46, -4.41, -2.10
CIE LCh	93, 4.887, 205.499
Yxy	84.0318, 0.3030, 0.3279
Android (android.graphics.Color)	4292997104 (0xFFE1EFF0)
YUV	234.9280, 2.5005, -8.7069
Hunter-Lab	91.6689, -9.2172, 2.9887

Details

The Yxy color **84.0318, 0.3030, 0.3279** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.3810, 0.3232, 0.3301**, and the grayscale version is **83.0097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8737, 0.3011, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **79.4834, 0.2880, 0.3260**, and if you desaturate by 10%, it is **89.1385, 0.3186, 0.3296**.

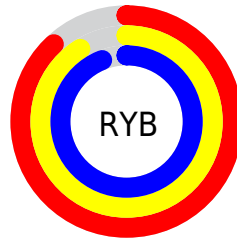
Distribution



Red (88%)

Green (94%)

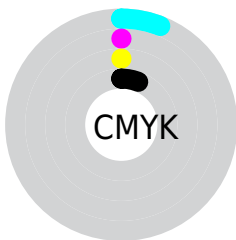
Blue (94%)



Red (88%)

Yellow (91%)

Blue (94%)

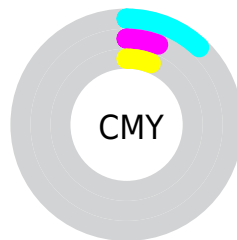


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.0318, 0.3030, 0.3279 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 84.0318, 0.3030, 0.3279 by changing the saturation by 10% instead.

84.0318, 0.3030,
0.3279

84.0318, 0.3030,
0.3279

508.4188, 0.3074,
0.3284

63.0417, 0.3020,
0.3278

139.0197, 0.3045,
0.3281

45.8749, 0.3008,
0.3276

173.7862, 0.3051,
0.3282

32.1471, 0.2994,
0.3274

213.9137, 0.3056,
0.3282

21.4739, 0.2974,
0.3272

259.7865, 0.3060,
0.3283

13.4709, 0.2949,
0.3269

311.7890, 0.3064,
0.3283

7.7536, 0.2913,
0.3264

370.3056, 0.3068,

3.9377, 0.2860,

0.3284

0.3256

435.7208, 0.3071,
0.3284

■ 1.6388, 0.2771,
0.3242

■ 0.3835, 0.2131,
0.3183

■ 84.0318, 0.3030,
0.3279

■ 84.0318, 0.3030,
0.3279

■ 79.4834, 0.2880,
0.3260

■ 89.1385, 0.3186,
0.3296

■ 75.4600, 0.2738,
0.3240

■ 91.2361, 0.3224,
0.3312

■ 71.9411, 0.2609,
0.3218

■ 92.2240, 0.3223,
0.3328

■ 68.9007, 0.2493,
0.3196

■ 93.2207, 0.3222,
0.3344

66.3104, 0.2395,
0.3173

94.2264, 0.3220,
0.3360

64.1389, 0.2316,
0.3149

95.2410, 0.3219,
0.3376

62.3506, 0.2256,
0.3125

96.2645, 0.3218,
0.3392

60.9039, 0.2216,
0.3102

97.2970, 0.3216,
0.3407

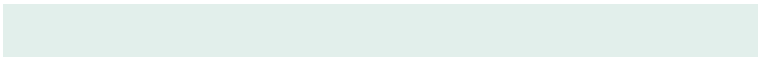
59.7472, 0.2192,
0.3079

98.3385, 0.3215,
0.3423

Harmonies

Analogous

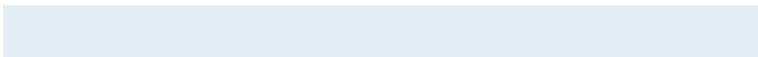
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0318, 0.3067, 0.3329



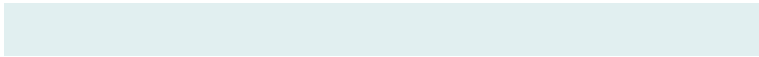
84.0318, 0.3030, 0.3279



84.0318, 0.3018, 0.3232

Triad

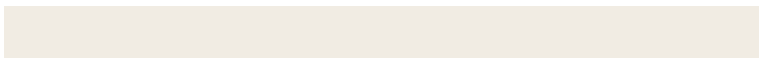
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0318, 0.3030, 0.3279



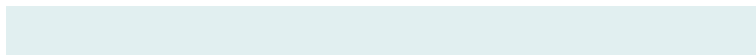
84.0318, 0.3133, 0.3213



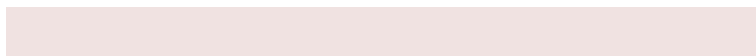
84.0318, 0.3219, 0.3379

Complementary

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



84.0318, 0.3030, 0.3279



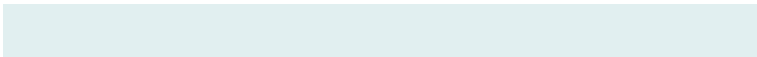
78.3810, 0.3232, 0.3301

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.



84.0318, 0.3237, 0.3347



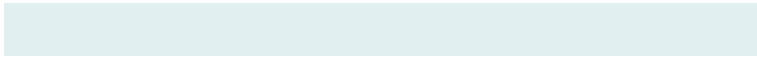
84.0318, 0.3030, 0.3279



84.0318, 0.3187, 0.3251

Square

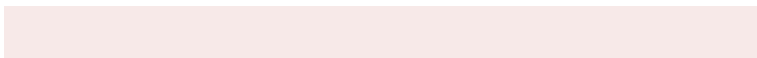
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0318, 0.3030, 0.3279



84.0318, 0.3077, 0.3195



84.0318, 0.3225, 0.3300



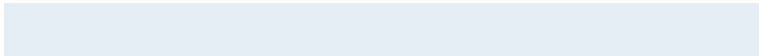
84.0318, 0.3177, 0.3387

Rectangle

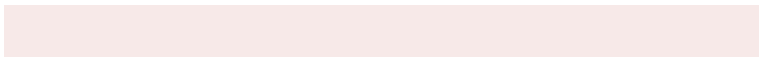
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



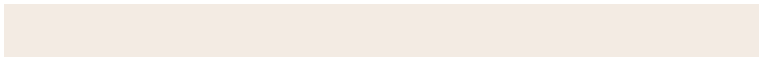
84.0318, 0.3030, 0.3279



84.0318, 0.3027, 0.3209



84.0318, 0.3225, 0.3300



84.0318, 0.3229, 0.3371

Sweetspot

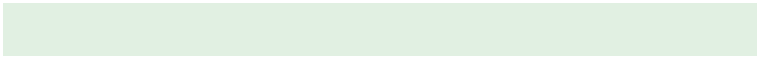
The Sweet Spot groups the original color and five complimentary colors.



84.0354, 0.3030, 0.3279



98.8221, 0.3096, 0.3287



83.8398, 0.3114, 0.3437



21.1644, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



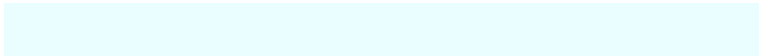
21.4041, 0.3127, 0.3290

Same Dimension

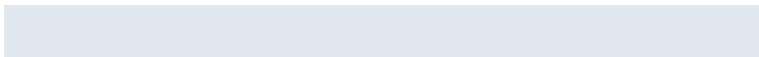
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0354, 0.3030, 0.3279



95.4431, 0.3003, 0.3276



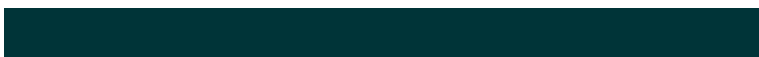
79.7437, 0.3031, 0.3201



17.7321, 0.2981, 0.3273



32.5639, 0.2187, 0.3074



2.7644, 0.2196, 0.3105

Inverse Universe

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



78.6165, 0.3141, 0.3148



87.5779, 0.3145, 0.3107



82.5412, 0.3225, 0.3378



16.0116, 0.3148, 0.3073



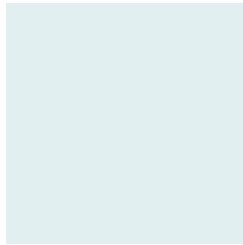
13.0807, 0.3389, 0.1641



1.0938, 0.3363, 0.1626

Previews

White Background



This preview shows how the Yxy color 84.0318, 0.3030, 0.3279 looks on a white background.

Color Contrast Check

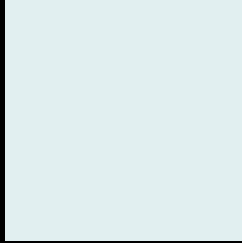
Large Text (above 18pt) WCAG AA × Fail

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 84.0318, 0.3030, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

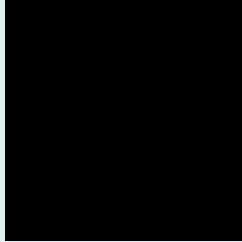
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

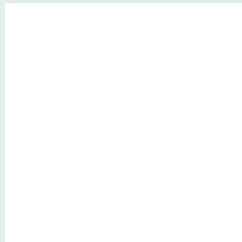
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.0318, 0.3030, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 84.0318, 0.3030, 0.3279.

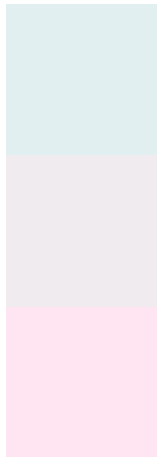


This preview shows how white text looks on a background with the Yxy color 84.0318, 0.3030, 0.3279.

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

84.0318, 0.3030, 0.3279

Protanopia

84.1150, 0.3142, 0.3260

Deuteranopia

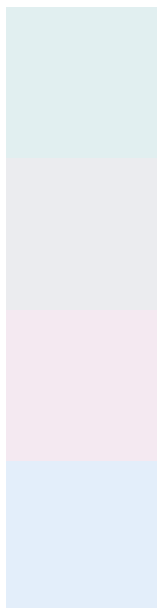
83.7094, 0.3222, 0.3163



Tritanopia

84.2824, 0.2961, 0.3107

Trichromacy



Original Color

84.0318, 0.3030, 0.3279

Protanomaly

83.8851, 0.3102, 0.3259

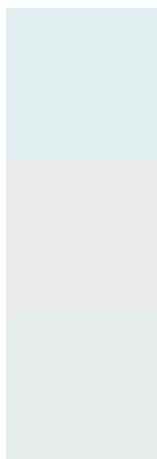
Deuteranomaly

83.8618, 0.3151, 0.3210

Tritanomaly

84.3821, 0.2984, 0.3167

Monochromacy



Original Color

84.0318, 0.3030, 0.3279

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.0943, 0.3088, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.0318, 0.3030, 0.3279 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(225, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(225, 239, 240)  
}
```

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(225, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 239, 240) }
```

Border

The CSS property to change the border of an element to Yxy 84.0318, 0.3030, 0.3279 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(225, 239, 240) }
```

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

```
.border{ border-color:rgb(225, 239, 240) }
```

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

Here you see how a box with a 4 pixel rgb(225, 239, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(225, 239,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 84.0318, 0.3030, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 239, 240) }
```

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

```
.background{ background-color: rgb(225,  
239, 240) }
```

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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