

Converting Colors

$Yxy(79.1019, 0.3068, 0.3299)$

Have a look what the booklet for
Yxy(79.1019, 0.3068, 0.3299)
contains.

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Color

Yxy(79.0123, 0.3066, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	DEE8E7
RGB	222, 232, 231
RGB Percent	87%, 91%, 91%
CMY	0.1294, 0.0902, 0.0940
CMYK	0.04, 0.00, 0.00, 0.09
HSL	174°, 18%, 89%
HSV	174°, 4%, 91%
XYZ	73.4096, 79.0123, 87.0093
YIQ	228.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

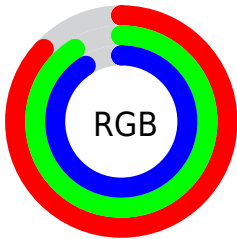
Format	Color
R _Y B	222, 227, 232
Decimal	14608615
CIE Lab	91.24, -3.49, -0.70
CIE LCh	91, 3.561, 191.307
Yxy	79.0123, 0.3066, 0.3300
Android (android.graphics.Color)	4292798695 (0xFFDEE8E7)
YUV	228.8960, 1.0373, -6.0478
Hunter-Lab	88.8889, -8.1398, 4.1859

Details

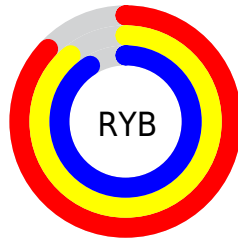
The Yxy color **79.0123, 0.3066, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.7278, 0.3192, 0.3280**, and the grayscale version is **78.2735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3613, 0.3057, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **75.4751, 0.2928, 0.3325**, and if you desaturate by 10%, it is **83.0619, 0.3209, 0.3277**.

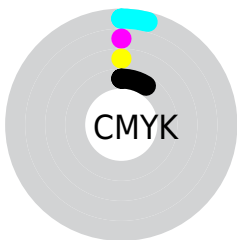
Distribution



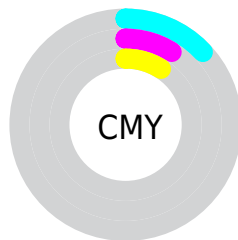
- Red (87%)
- Green (91%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0123, 0.3066, 0.3300 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 79.0123, 0.3066, 0.3300 by changing the saturation by 10% instead.

■ 79.0123, 0.3066,
0.3300

■ 79.0123, 0.3066,
0.3300

491.5980, 0.3094,
0.3296

■ 58.9059, 0.3060,
0.3301

131.9762, 0.3076,
0.3298

■ 42.5374, 0.3052,
0.3302

165.6025, 0.3079,
0.3298

■ 29.5223, 0.3042,
0.3304

204.5042, 0.3083,
0.3297

■ 19.4763, 0.3030,
0.3306

249.0657, 0.3085,
0.3297

■ 12.0149, 0.3013,
0.3308

299.6715, 0.3088,
0.3297

■ 6.7539, 0.2989,
0.3312

356.7058, 0.3090,

■ 3.3086, 0.2952,

0.3296

0.3317

420.5532, 0.3092,
0.3296

■ 1.2949, 0.2888,
0.3326

■ 0.1373, 0.1188,
0.3605

■ 79.0123, 0.3066,
0.3300

■ 79.0123, 0.3066,
0.3300

■ 75.4751, 0.2928,
0.3325

■ 83.0619, 0.3209,
0.3277

■ 72.4197, 0.2799,
0.3352

■ 85.0012, 0.3262,
0.3256


■ 69.8277, 0.2682,
0.3381

■ 85.1316, 0.3248,
0.3234

■ 67.6756, 0.2578,
0.3412

■ 85.2637, 0.3233,
0.3212


 65.9376, 0.2491,
0.3444

 85.3975, 0.3219,
0.3190

 64.5856, 0.2423,
0.3477

 85.5329, 0.3204,
0.3169

 63.5878, 0.2374,
0.3510

 85.6699, 0.3190,
0.3147

 62.9074, 0.2345,
0.3543

 85.8086, 0.3176,
0.3126

 62.4992, 0.2333,
0.3576

 85.9490, 0.3162,
0.3104

Harmonies

Analogous

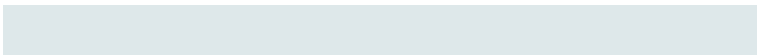
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0123, 0.3101, 0.3335



79.0123, 0.3066, 0.3300



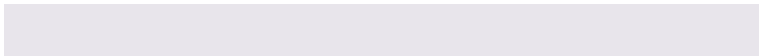
79.0123, 0.3048, 0.3263

Triad

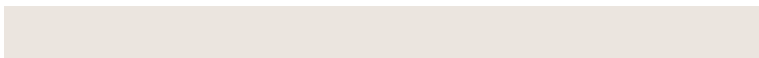
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0123, 0.3066, 0.3300



79.0123, 0.3111, 0.3224



79.0123, 0.3205, 0.3347

Complementary

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



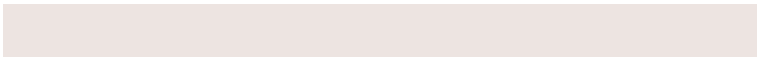
79.0123, 0.3066, 0.3300



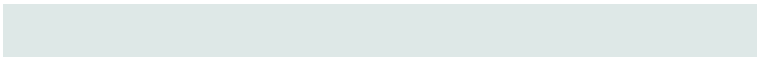
74.7278, 0.3192, 0.3280

Split Complementary

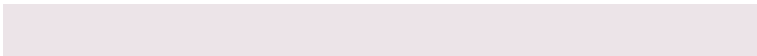
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0123, 0.3208, 0.3317



79.0123, 0.3066, 0.3300



79.0123, 0.3153, 0.3246

Square

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



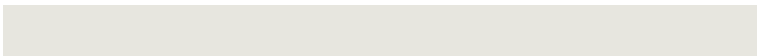
79.0123, 0.3066, 0.3300



79.0123, 0.3074, 0.3219



79.0123, 0.3189, 0.3280



79.0123, 0.3181, 0.3362

Rectangle

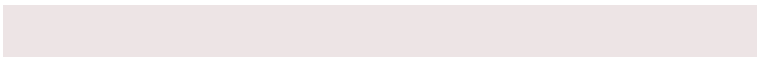
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



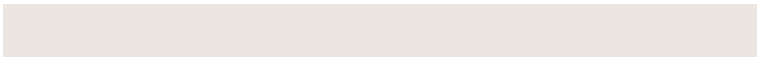
79.0123, 0.3066, 0.3300



79.0123, 0.3047, 0.3242



79.0123, 0.3189, 0.3280



79.0123, 0.3208, 0.3338

Sweetspot

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



79.0157, 0.3066, 0.3300



99.5037, 0.3113, 0.3292



78.6766, 0.3129, 0.3397



21.3031, 0.3114, 0.3292



0.0000, 0.0000, 0.0000



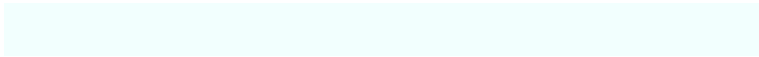
21.4041, 0.3127, 0.3290

Same Dimension

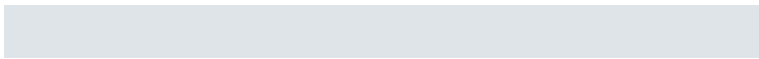
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0157, 0.3066, 0.3300



97.5826, 0.3056, 0.3302



76.8451, 0.3061, 0.3247



16.6011, 0.3047, 0.3303



34.6237, 0.2331, 0.3590



2.5656, 0.2317, 0.3541

Inverse Universe

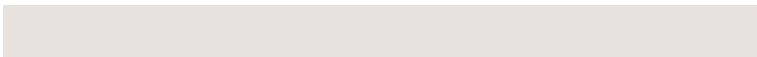
The Inverse Universe completely reimagines the original color for something new.



74.7278, 0.3192, 0.3280



91.4132, 0.3203, 0.3278



76.8250, 0.3195, 0.3332



15.4186, 0.3214, 0.3277



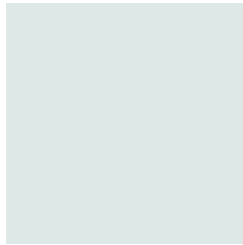
9.5654, 0.6287, 0.3237



0.7146, 0.6020, 0.3090

Previews

White Background



This preview shows how the Yxy color 79.0123, 0.3066, 0.3300 looks on a white background.

Color Contrast Check

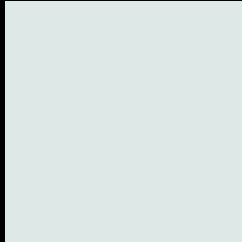
Large Text (above 18pt) WCAG AA × Fail

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 79.0123, 0.3066, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

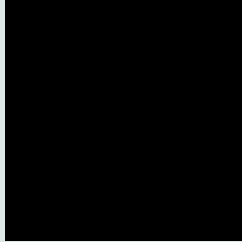
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

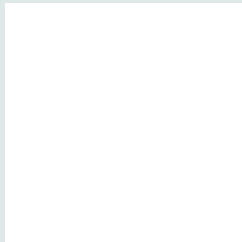
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0123, 0.3066, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 79.0123, 0.3066, 0.3300.

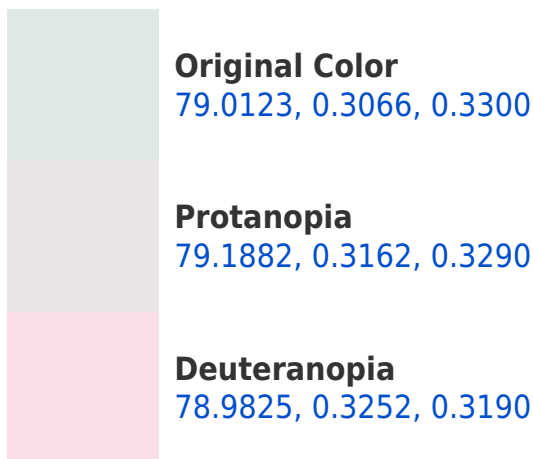


This preview shows how white text looks on a background with the Yxy color 79.0123, 0.3066, 0.3300.

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

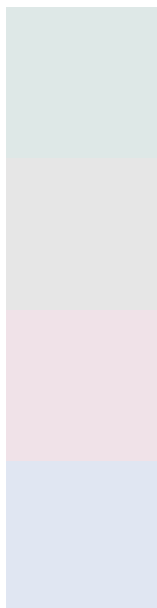




Tritanopia

78.8235, 0.2983, 0.3093

Trichromacy



Original Color

79.0123, 0.3066, 0.3300

Protanomaly

79.1298, 0.3127, 0.3290

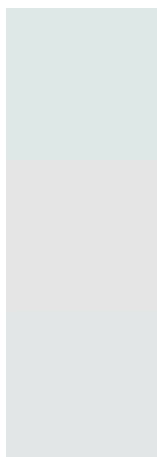
Deuteranomaly

78.7442, 0.3186, 0.3229

Tritanomaly

78.8517, 0.3012, 0.3164

Monochromacy



Original Color

79.0123, 0.3066, 0.3300

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.4756, 0.3100, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0123, 0.3066, 0.3300 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(222, 232, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 232, 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(222, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 232, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.0123, 0.3066, 0.3300 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(222, 232, 231) }
```

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

```
.border{ border-color:rgb(222, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 232,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0123, 0.3066, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 232, 231) }
```

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

```
.background{ background-color: rgb(222,  
232, 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](#).

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