

Converting Colors

$Yxy(79.9561, 0.3008, 0.3300)$

Have a look what the booklet for
Yxy(79.9561, 0.3008, 0.3300)
contains.

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Color

Yxy(79.9561, 0.3008, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	D8EBEA
RGB	216, 235, 234
RGB Percent	85%, 92%, 92%
CMY	0.1529, 0.0784, 0.0822
CMYK	0.08, 0.00, 0.00, 0.08
HSL	177°, 32%, 88%
HSV	177°, 8%, 92%
XYZ	72.8812, 79.9561, 89.4539
YIQ	229.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

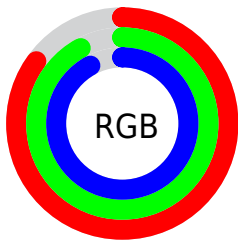
Format	Color
R _Y B	216, 226, 235
Decimal	14216170
CIE Lab	91.67, -6.43, -1.69
CIE LCh	92, 6.646, 194.705
Yxy	79.9561, 0.3008, 0.3300
Android (android.graphics.Color)	4292406250 (0xFFD8EBEA)
YUV	229.2050, 2.3639, -11.5808
Hunter-Lab	89.4182, -10.9936, 3.2790

Details

The Yxy color **79.9561, 0.3008, 0.3300** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.7829, 0.3260, 0.3280**, and the grayscale version is **78.5047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0316, 0.2983, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **76.5633, 0.2867, 0.3313**, and if you desaturate by 10%, it is **83.8680, 0.3156, 0.3288**.

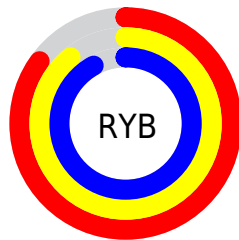
Distribution



Red (85%)

Green (92%)

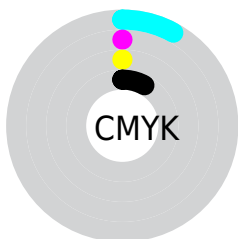
Blue (92%)



Red (85%)

Yellow (89%)

Blue (92%)

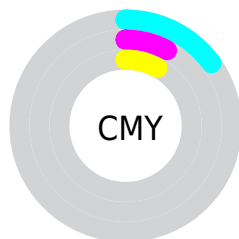


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (15%)


Magenta (8%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9561, 0.3008, 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 79.9561, 0.3008, 0.3300 by changing the saturation by 10% instead.

 79.9561, 0.3008,
0.3300

 79.9561, 0.3008,
0.3300


494.7849, 0.3062,
0.3296

 59.6822, 0.2996,
0.3301


133.3040, 0.3027,
0.3299

 43.1626, 0.2981,
0.3302


167.1468, 0.3034,
0.3298

 30.0127, 0.2962,
0.3303


206.2814, 0.3040,
0.3298

 19.8482, 0.2938,
0.3305

251.0922, 0.3046,
0.3297

 12.2848, 0.2906,
0.3307

301.9635, 0.3051,
0.3297

 6.9379, 0.2860,
0.3310

359.2798, 0.3055,

 3.4233, 0.2790,

0.3296

0.3314

423.4255, 0.3059,
0.3296

■ 1.3565, 0.2671,
0.3319

■ 0.1843, 0.0351,
0.3536

■ 79.9561, 0.3008,
0.3300

■ 79.9561, 0.3008,
0.3300

■ 76.5633, 0.2867,
0.3313

■ 83.8680, 0.3156,
0.3288

■ 73.6579, 0.2737,
0.3328

■ 86.7601, 0.3253,
0.3276


■ 71.2200, 0.2620,
0.3344


■ 86.8305, 0.3246,
0.3264


■ 69.2246, 0.2519,
0.3360


■ 86.9015, 0.3238,
0.3253

 67.6444, 0.2436,
0.3377

 86.9729, 0.3230,
0.3241


 66.4490, 0.2372,
0.3394


 87.0448, 0.3223,
0.3229


 65.6038, 0.2328,
0.3411

 87.1172, 0.3215,
0.3217

 65.0681, 0.2302,
0.3428

 87.1900, 0.3207,
0.3206

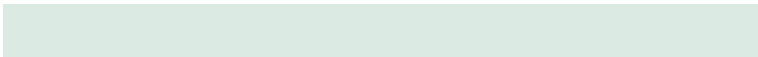
 64.7849, 0.2292,
0.3445

 87.2633, 0.3200,
0.3194

Harmonies

Analogous

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



79.9561, 0.3070, 0.3367



79.9561, 0.3008, 0.3300



79.9561, 0.2978, 0.3231

Triad

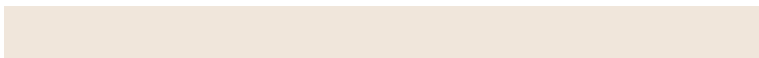
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9561, 0.3008, 0.3300



79.9561, 0.3106, 0.3171



79.9561, 0.3268, 0.3400

Complementary

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



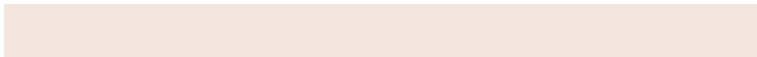
79.9561, 0.3008, 0.3300



71.7829, 0.3260, 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.



79.9561, 0.3279, 0.3346



79.9561, 0.3008, 0.3300



79.9561, 0.3184, 0.3215

Square

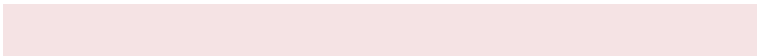
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9561, 0.3008, 0.3300



79.9561, 0.3034, 0.3158



79.9561, 0.3248, 0.3279



79.9561, 0.3220, 0.3425

Rectangle

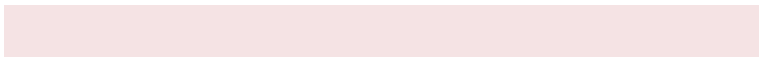
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



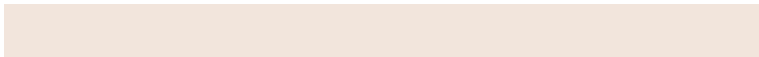
79.9561, 0.3008, 0.3300



79.9561, 0.2980, 0.3194



79.9561, 0.3248, 0.3279



79.9561, 0.3276, 0.3385

Sweetspot

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



79.9595, 0.3008, 0.3300



99.0287, 0.3097, 0.3292



79.1689, 0.3126, 0.3496



21.2064, 0.3099, 0.3292



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

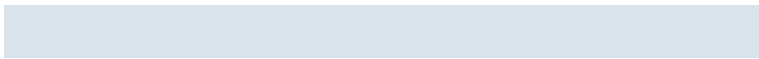
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9595, 0.3008, 0.3300



95.3964, 0.2980, 0.3303



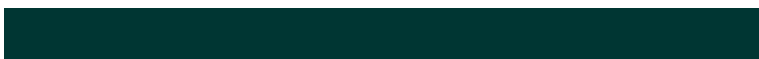
75.4088, 0.3002, 0.3201



17.1078, 0.2988, 0.3302



36.0376, 0.2290, 0.3445



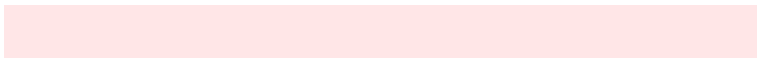
2.8339, 0.2284, 0.3422

Inverse Universe

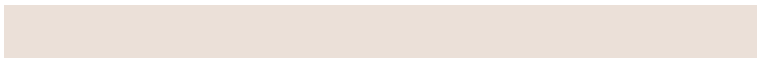
The Inverse Universe completely reimagines the original color for something new.



71.7829, 0.3260, 0.3280



83.3344, 0.3296, 0.3278



76.0581, 0.3258, 0.3377



15.0666, 0.3285, 0.3278



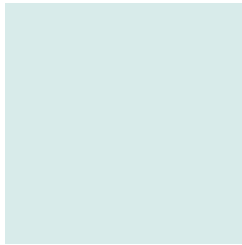
9.8502, 0.6346, 0.3269



0.7779, 0.6199, 0.3189

Previews

White Background



This preview shows how the Yxy color 79.9561, 0.3008, 0.3300 looks on a white background.

Color Contrast Check

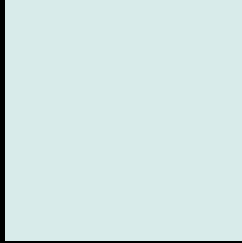
Large Text (above 18pt) WCAG AA × Fail

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 79.9561, 0.3008, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

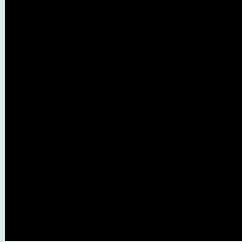
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

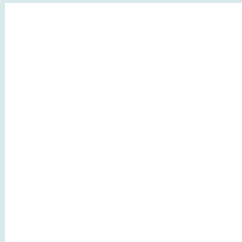
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9561, 0.3008, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 79.9561, 0.3008, 0.3300.

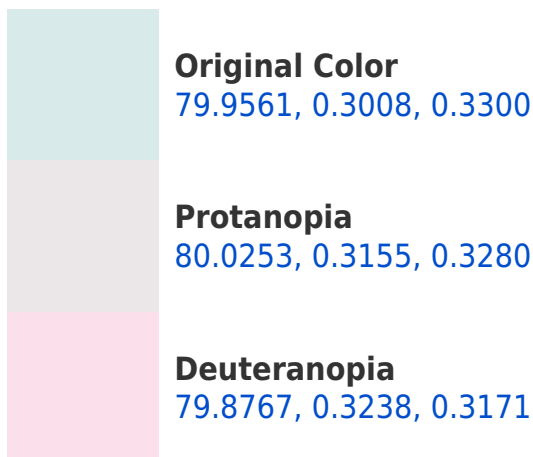


This preview shows how white text looks on a background with the Yxy color 79.9561, 0.3008, 0.3300.

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

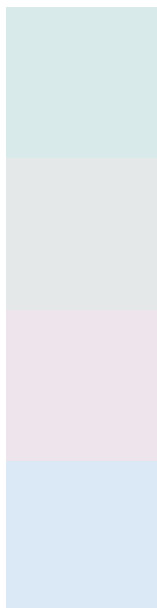




Tritanopia

79.7383, 0.2927, 0.3092

Trichromacy



Original Color

79.9561, 0.3008, 0.3300

Protanomaly

80.0334, 0.3100, 0.3290

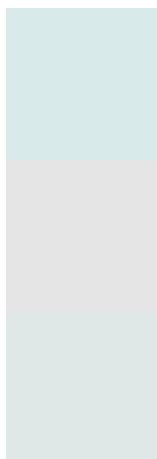
Deuteranomaly

79.6621, 0.3151, 0.3218

Tritanomaly

79.7758, 0.2956, 0.3164

Monochromacy



Original Color

79.9561, 0.3008, 0.3300

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.7686, 0.3080, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9561, 0.3008, 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(216, 235, 234)` looks like.

```
.text, #text, p{  
    color:rgb(216, 235, 234)  
}
```

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(216, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 235, 234) }
```

Border

The CSS property to change the border of an element to Yxy 79.9561, 0.3008, 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(216, 235, 234) }
```

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

```
.border{ border-color:rgb(216, 235, 234) }
```

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

Here you see how a box with a 4 pixel rgb(216, 235, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(216, 235,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9561, 0.3008, 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(216, 235, 234) }
```

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

```
.background{ background-color: rgb(216,  
235, 234) }
```

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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