

Converting Colors

$Yxy(79.7192, 0.3022, 0.3331)$

Have a look what the booklet for
Yxy(79.7192, 0.3022, 0.3331)
contains.

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Color

Yxy(79.6333, 0.3020, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	D7EBE7
RGB	215, 235, 231
RGB Percent	84%, 92%, 91%
CMY	0.1568, 0.0784, 0.0943
CMYK	0.09, 0.00, 0.02, 0.08
HSL	168°, 33%, 88%
HSV	168°, 9%, 92%
XYZ	72.1550, 79.6333, 87.1355
YIQ	228.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

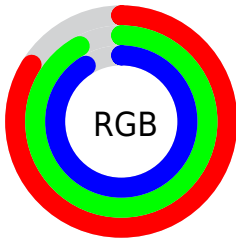
Format	Color
R_{YB}	215, 226, 235
Decimal	14150631
CIE _{Lab}	91.52, -7.33, -0.30
CIE _{LCh}	92, 7.335, 182.382
Yxy	79.6333, 0.3020, 0.3333
Android (android.graphics.Color)	4292340711 (0xFFD7EBE7)
YUV	228.5640, 1.2009, -11.8956
Hunter-Lab	89.2375, -11.8354, 4.5728

Details

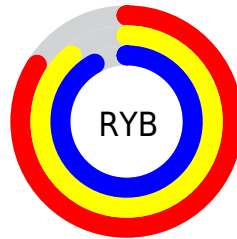
The Yxy color **79.6333, 0.3020, 0.3333** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.3914, 0.3246, 0.3247**, and the grayscale version is **78.0168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8089, 0.2997, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **76.0651, 0.2899, 0.3388**, and if you desaturate by 10%, it is **83.7266, 0.3146, 0.3283**.

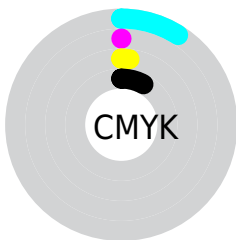
Distribution



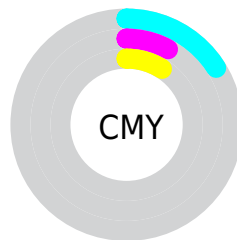
- Red (84%)
- Green (92%)
- Blue (91%)



- Red (84%)
- Yellow (89%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6333, 0.3020, 0.3333 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 79.6333, 0.3020, 0.3333 by changing the saturation by 10% instead.

■ 79.6333, 0.3020,
0.3333

■ 79.6333, 0.3020,
0.3333

493.6962, 0.3069,
0.3314

■ 59.4166, 0.3009,
0.3337

132.8500, 0.3037,
0.3326

■ 42.9486, 0.2996,
0.3343

166.6189, 0.3043,
0.3324

■ 29.8448, 0.2979,
0.3349

205.6740, 0.3049,
0.3321

■ 19.7208, 0.2957,
0.3358

250.3997, 0.3054,
0.3319

■ 12.1923, 0.2927,
0.3370

301.1803, 0.3058,
0.3318

■ 6.8748, 0.2885,
0.3386

358.4004, 0.3062,

■ 3.3839, 0.2821,

0.3316

422.4442, 0.3066,
0.3315

0.3411

■ 1.3353, 0.2712,
0.3454

■ 0.1683, 0.0000,
0.4514

■ 79.6333, 0.3020,
0.3333

■ 79.6333, 0.3020,
0.3333

■ 76.0651, 0.2899,
0.3388

■ 83.7266, 0.3146,
0.3283

■ 72.9901, 0.2786,
0.3449


■ 86.9995, 0.3228,
0.3237

■ 70.3885, 0.2685,
0.3513


■ 87.2869, 0.3197,
0.3191

■ 68.2349, 0.2597,
0.3582

■ 87.5819, 0.3167,
0.3145

 66.5020, 0.2526,
0.3654


 87.8843, 0.3138,
0.3100

 65.1590, 0.2474,
0.3727

 87.8997, 0.3136,
0.3097

 64.1712, 0.2441,
0.3802

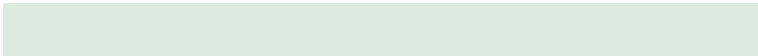
 63.4974, 0.2428,
0.3876

 63.0779, 0.2432,
0.3950

Harmonies

Analogous

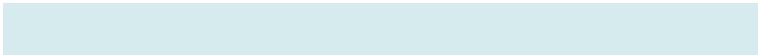
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6333, 0.3098, 0.3400



79.6333, 0.3020, 0.3333



79.6333, 0.2971, 0.3255

Triad

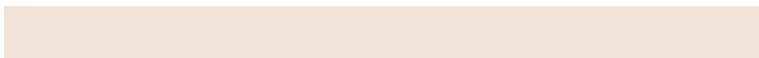
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6333, 0.3020, 0.3333



79.6333, 0.3069, 0.3148



79.6333, 0.3294, 0.3390

Complementary

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



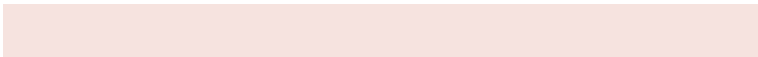
79.6333, 0.3020, 0.3333



71.3914, 0.3246, 0.3247

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.



79.6333, 0.3286, 0.3322



79.6333, 0.3020, 0.3333



79.6333, 0.3155, 0.3184

Square

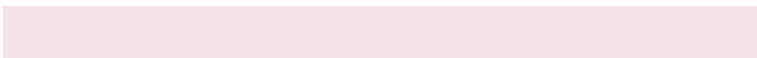
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



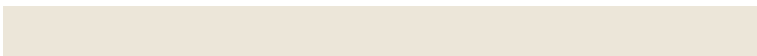
79.6333, 0.3020, 0.3333



79.6333, 0.2999, 0.3149



79.6333, 0.3235, 0.3247



79.6333, 0.3256, 0.3432

Rectangle

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



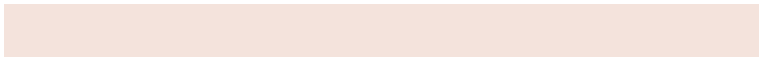
79.6333, 0.3020, 0.3333



79.6333, 0.2961, 0.3208



79.6333, 0.3235, 0.3247



79.6333, 0.3296, 0.3369

Sweetspot

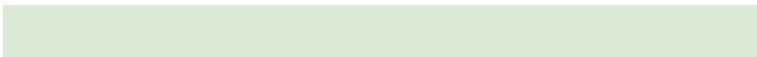
The Sweet Spot groups the original color and five complimentary colors.



79.6367, 0.3020, 0.3333



98.4784, 0.3089, 0.3305



79.4412, 0.3146, 0.3506



20.9935, 0.3079, 0.3309



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.



79.6367, 0.3020, 0.3333



95.1521, 0.3001, 0.3341



76.6766, 0.2996, 0.3229



17.0665, 0.3008, 0.3338



35.0931, 0.2430, 0.3949



2.7689, 0.2402, 0.3847

Inverse Universe

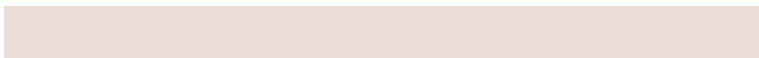
The Inverse Universe completely reimagines the original color for something new.



71.3914, 0.3246, 0.3247



83.5546, 0.3270, 0.3239



74.1151, 0.3268, 0.3350



15.1040, 0.3261, 0.3242



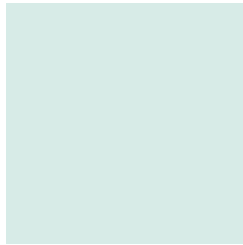
9.9614, 0.6065, 0.3115



0.7957, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 79.6333, 0.3020, 0.3333 looks on a white background.

Color Contrast Check

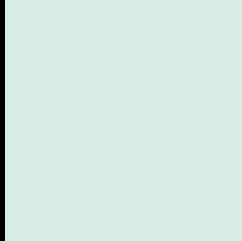
Large Text (above 18pt) WCAG AA × Fail

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 79.6333, 0.3020, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

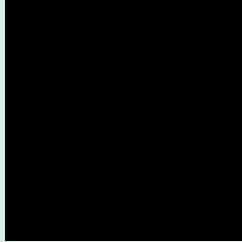
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

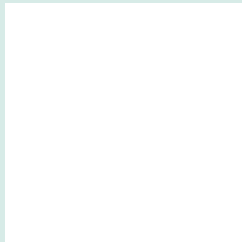
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6333, 0.3020, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 79.6333, 0.3020, 0.3333.

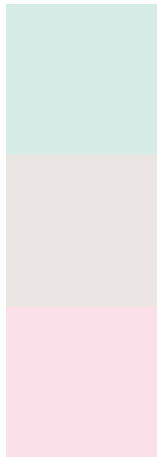


This preview shows how white text looks on a background with the Yxy color 79.6333, 0.3020, 0.3333.

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

79.6333, 0.3020, 0.3333

Protanopia

79.3022, 0.3175, 0.3301

Deuteranopia

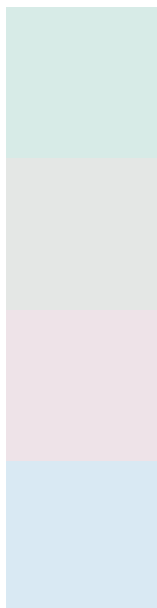
79.1678, 0.3259, 0.3190



Tritanopia

79.5208, 0.2926, 0.3102

Trichromacy



Original Color

79.6333, 0.3020, 0.3333

Protanomaly

79.3030, 0.3119, 0.3311

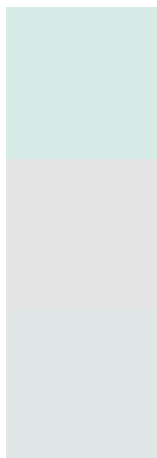
Deuteranomaly

78.9415, 0.3171, 0.3239

Tritanomaly

79.5006, 0.2961, 0.3184

Monochromacy



Original Color

79.6333, 0.3020, 0.3333

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.7123, 0.3086, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6333, 0.3020, 0.3333 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(215, 235, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 235, 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(215, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 235, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.6333, 0.3020, 0.3333 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(215, 235, 231) }
```

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

```
.border{ border-color:rgb(215, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 235,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6333, 0.3020, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 235, 231) }
```

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

```
.background{ background-color: rgb(215,  
235, 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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