

Converting Colors

$Yxy(79.6633, 0.2963, 0.3344)$

Have a look what the booklet for
Yxy(79.6633, 0.2963, 0.3344)
contains.

| | |
|--|----|
| Yxy(79.6600, 0.2963, 0.3344) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(79.6600, 0.2963, 0.3344)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | CFEDE8 |
| RGB | 207, 237, 232 |
| RGB Percent | 81%, 93%, 91% |
| CMY | 0.1881, 0.0706, 0.0903 |
| CMYK | 0.13, 0.00, 0.02, 0.07 |
| HSL | 170°, 45%, 87% |
| HSV | 170°, 13%, 93% |
| XYZ | 70.5839, 79.6600, 87.9738 |
| YIQ | 227.4600, -16.2750, -7.9150 |

Conversions

Conversions Part 2

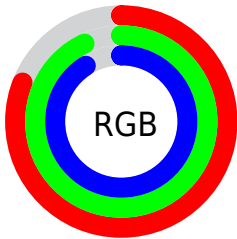
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 223, 237 |
| Decimal | 13626856 |
| CIE Lab | 91.53, -10.71, -0.88 |
| CIE LCh | 92, 10.751, 184.682 |
| Yxy | 79.6600, 0.2963, 0.3344 |
| Android (android.graphics.Color) | 4291816936 (0xFFCFE8E8) |
| YUV | 227.4600, 2.2382, -17.9434 |
| Hunter-Lab | 89.2525, -15.0279, 4.0361 |

Details

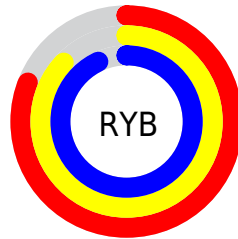
The Yxy color **79.6600, 0.2963, 0.3344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.4022, 0.3320, 0.3237**, and the grayscale version is **77.1647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8577, 0.2925, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **76.2777, 0.2841, 0.3391**, and if you desaturate by 10%, it is **83.5665, 0.3092, 0.3301**.

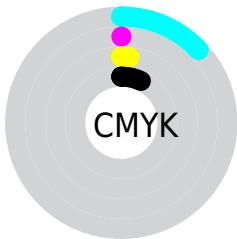
Distribution



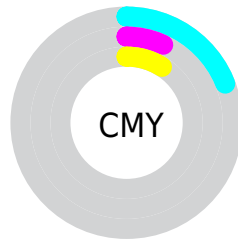
- Red (81%)
- Green (93%)
- Blue (91%)



- Red (81%)
- Yellow (87%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)




- Cyan (19%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6600, 0.2963, 0.3344 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 79.6600, 0.2963, 0.3344 by changing the saturation by 10% instead.

 79.6600, 0.2963,
0.3344

 79.6600, 0.2963,
0.3344

493.7863, 0.3038,
0.3320

 59.4386, 0.2946,
0.3349


132.8876, 0.2989,
0.3336

 42.9663, 0.2926,
0.3356


166.6626, 0.2999,
0.3332

 29.8587, 0.2900,
0.3364


205.7243, 0.3007,
0.3330

 19.7313, 0.2866,
0.3375

250.4570, 0.3015,
0.3327

 12.1999, 0.2822,
0.3389

301.2451, 0.3022,
0.3325

 6.8800, 0.2758,
0.3409

358.4732, 0.3028,

 3.3871, 0.2661,

0.3323

0.3439

422.5254, 0.3033,
0.3321

■ 1.3370, 0.2497,
0.3489

■ 0.1696, 0.0000,
0.4081

■ 79.6600, 0.2963,
0.3344

■ 79.6600, 0.2963,
0.3344

■ 76.2777, 0.2841,
0.3391

■ 83.5665, 0.3092,
0.3301

■ 73.3868, 0.2728,
0.3443


■ 88.0085, 0.3226,
0.3262


■ 70.9661, 0.2629,
0.3497


■ 88.3554, 0.3204,
0.3223

■ 68.9891, 0.2545,
0.3554


■ 88.5997, 0.3179,
0.3185

 67.4264, 0.2479,
0.3614


 88.8493, 0.3155,
0.3147

 66.2452, 0.2432,
0.3674

 89.0491, 0.3135,
0.3117

 65.4076, 0.2405,
0.3735

 64.8679, 0.2397,
0.3795

 64.6091, 0.2400,
0.3840

Harmonies

Analogous

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



79.6600, 0.3074, 0.3446



79.6600, 0.2963, 0.3344



79.6600, 0.2896, 0.3229

Triad

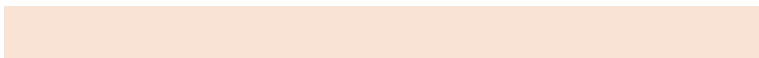
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6600, 0.2963, 0.3344



79.6600, 0.3051, 0.3086



79.6600, 0.3370, 0.3442

Complementary

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



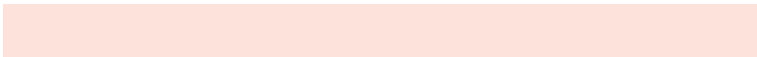
79.6600, 0.2963, 0.3344



67.4022, 0.3320, 0.3237

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.



79.6600, 0.3364, 0.3344



79.6600, 0.2963, 0.3344



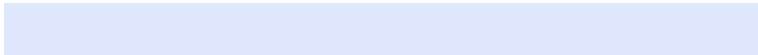
79.6600, 0.3178, 0.3141

Square

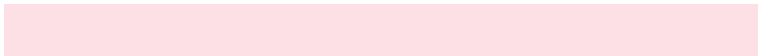
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6600, 0.2963, 0.3344



79.6600, 0.2946, 0.3082



79.6600, 0.3293, 0.3235



79.6600, 0.3309, 0.3502

Rectangle

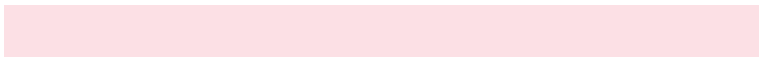
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



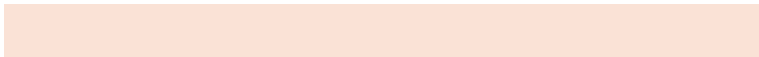
79.6600, 0.2963, 0.3344



79.6600, 0.2885, 0.3161



79.6600, 0.3293, 0.3235



79.6600, 0.3375, 0.3412

Sweetspot

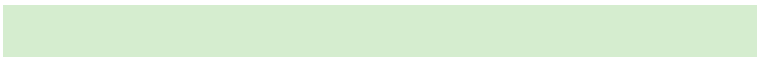
The Sweet Spot groups the original color and five complimentary colors.



79.6633, 0.2963, 0.3344



98.0067, 0.3074, 0.3306



79.1510, 0.3148, 0.3619



20.8997, 0.3064, 0.3310



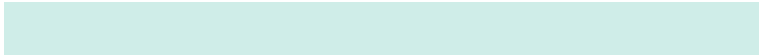
0.0000, 0.0000, 0.0000



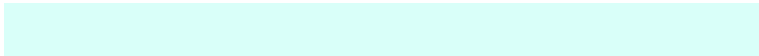
21.4041, 0.3127, 0.3290

Same Dimension

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



79.6633, 0.2963, 0.3344



93.0465, 0.2933, 0.3355



74.6024, 0.2931, 0.3186



17.0759, 0.3004, 0.3330



35.2907, 0.2397, 0.3830



2.7827, 0.2374, 0.3746

Inverse Universe

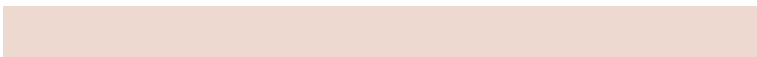
The Inverse Universe completely reimagines the original color for something new.



67.4022, 0.3320, 0.3237



76.0941, 0.3363, 0.3226



71.8907, 0.3344, 0.3392



15.0953, 0.3266, 0.3251



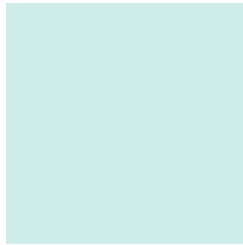
9.9257, 0.6151, 0.3162



0.7916, 0.5797, 0.2967

Previews

White Background



This preview shows how the Yxy color 79.6600, 0.2963, 0.3344 looks on a white background.

Color Contrast Check

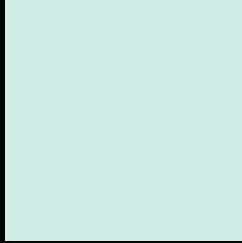
Large Text (above 18pt) WCAG AA × Fail

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 79.6600, 0.2963, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

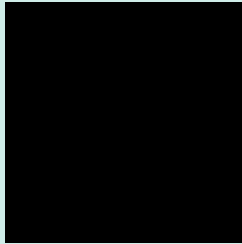
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

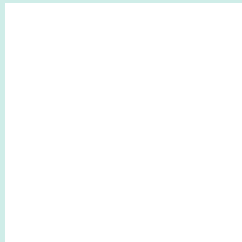
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6600, 0.2963, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 79.6600, 0.2963, 0.3344.



This preview shows how white text looks on a background with the Yxy color 79.6600, 0.2963, 0.3344.

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

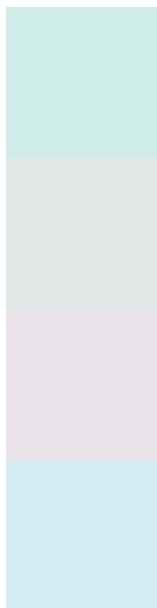




Tritanopia

79.7228, 0.2872, 0.3100

Trichromacy



Original Color

79.6600, 0.2963, 0.3344

Protanomaly

79.3779, 0.3099, 0.3322

Deuteranomaly

78.9197, 0.3130, 0.3228

Tritanomaly

79.7109, 0.2906, 0.3183

Monochromacy



Original Color

79.6600, 0.2963, 0.3344

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

78.0246, 0.3065, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6600, 0.2963, 0.3344 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(207, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(207, 237, 232)  
}
```

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(207, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 237, 232) }
```

Border

The CSS property to change the border of an element to Yxy 79.6600, 0.2963, 0.3344 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(207, 237, 232) }
```

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

```
.border{ border-color:rgb(207, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(207, 237,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6600, 0.2963, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 237, 232) }
```

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

```
.background{ background-color: rgb(207,  
237, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor