

Converting Colors

$Yxy(79.4711, 0.2973, 0.3349)$

Have a look what the booklet for
Yxy(79.4711, 0.2973, 0.3349)
contains.

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Color

Yxy(79.7478, 0.2975, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	D0EDE7
RGB	208, 237, 231
RGB Percent	82%, 93%, 91%
CMY	0.1841, 0.0706, 0.0940
CMYK	0.12, 0.00, 0.03, 0.07
HSL	168°, 45%, 87%
HSV	168°, 12%, 93%
XYZ	70.7363, 79.7478, 87.2851
YIQ	227.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

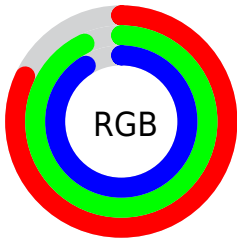
Format	Color
R _Y B	208, 224, 237
Decimal	13692391
CIE Lab	91.57, -10.56, -0.32
CIE LCh	92, 10.564, 181.748
Yxy	79.7478, 0.2975, 0.3354
Android (android.graphics.Color)	4291882471 (0xFFD0EDE7)
YUV	227.6450, 1.6540, -17.2287
Hunter-Lab	89.3016, -14.8869, 4.5600

Details

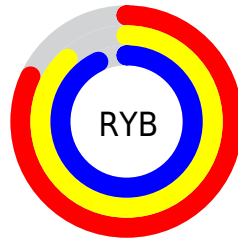
The Yxy color **79.7478, 0.2975, 0.3354** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0016, 0.3304, 0.3227**, and the grayscale version is **77.3168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9152, 0.2941, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **76.2953, 0.2857, 0.3412**, and if you desaturate by 10%, it is **83.7279, 0.3099, 0.3301**.

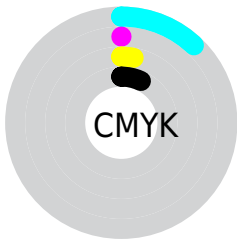
Distribution



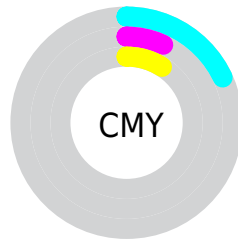
- Red (82%)
- Green (93%)
- Blue (91%)



- Red (82%)
- Yellow (88%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7478, 0.2975, 0.3354 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 79.7478, 0.2975, 0.3354 by changing the saturation by 10% instead.

■ 79.7478, 0.2975,
0.3354

■ 79.7478, 0.2975,
0.3354

494.0825, 0.3044,
0.3325

■ 59.5108, 0.2959,
0.3360

133.0111, 0.2999,
0.3344

■ 43.0245, 0.2940,
0.3368

166.8062, 0.3008,
0.3340

■ 29.9043, 0.2916,
0.3378

205.8895, 0.3016,
0.3337

■ 19.7660, 0.2885,
0.3391

250.6454, 0.3023,
0.3334

■ 12.2250, 0.2844,
0.3409

301.4582, 0.3029,
0.3331

■ 6.8971, 0.2785,
0.3433

358.7124, 0.3035,

■ 3.3979, 0.2694,

0.3329

0.3470

422.7924, 0.3040,
0.3327

■ 1.3428, 0.2540,
0.3533

■ 0.1740, 0.0000,
0.4508

■ 79.7478, 0.2975,
0.3354

■ 79.7478, 0.2975,
0.3354

■ 76.2953, 0.2857,
0.3412

■ 83.7279, 0.3099,
0.3301

■ 73.3378, 0.2748,
0.3475


■ 88.1594, 0.3224,
0.3253


■ 70.8540, 0.2652,
0.3543


■ 88.4548, 0.3193,
0.3206


■ 68.8175, 0.2570,
0.3614


■ 88.7582, 0.3163,
0.3159


 67.1991, 0.2506,
0.3688

 89.0409, 0.3135,
0.3117

 65.9661, 0.2462,
0.3763

 65.0809, 0.2437,
0.3840

 64.4982, 0.2431,
0.3915

 64.1984, 0.2437,
0.3974

Harmonies

Analogous

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



79.7478, 0.3087, 0.3451



79.7478, 0.2975, 0.3354



79.7478, 0.2904, 0.3240

Triad

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



79.7478, 0.2975, 0.3354



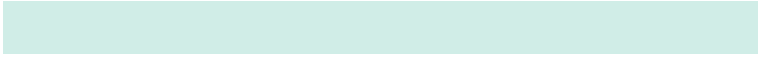
79.7478, 0.3040, 0.3087



79.7478, 0.3368, 0.3431

Complementary

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



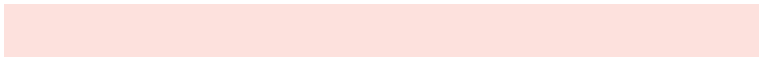
79.7478, 0.2975, 0.3354



68.0016, 0.3304, 0.3227

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.



79.7478, 0.3355, 0.3333



79.7478, 0.2975, 0.3354



79.7478, 0.3164, 0.3137

Square

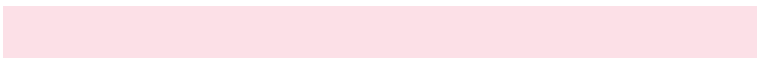
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



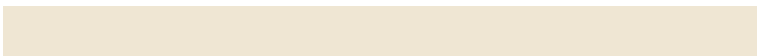
79.7478, 0.2975, 0.3354



79.7478, 0.2941, 0.3088



79.7478, 0.3280, 0.3226



79.7478, 0.3314, 0.3494

Rectangle

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



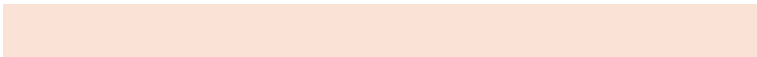
79.7478, 0.2975, 0.3354



79.7478, 0.2889, 0.3172



79.7478, 0.3280, 0.3226



79.7478, 0.3371, 0.3401

Sweetspot

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



79.7511, 0.2975, 0.3354



97.9819, 0.3076, 0.3310



79.4641, 0.3154, 0.3606



20.8934, 0.3067, 0.3314



0.0000, 0.0000, 0.0000



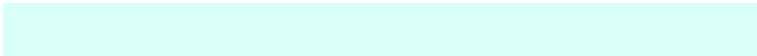
21.4041, 0.3127, 0.3290

Same Dimension

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



79.7511, 0.2975, 0.3354



92.9562, 0.2941, 0.3370



75.4566, 0.2938, 0.3201



17.0656, 0.3009, 0.3339



35.0739, 0.2434, 0.3961



2.7675, 0.2405, 0.3857

Inverse Universe

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



68.0016, 0.3304, 0.3227



76.1731, 0.3353, 0.3212



71.8041, 0.3337, 0.3378



15.1048, 0.3260, 0.3242



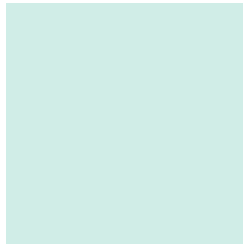
9.9653, 0.6055, 0.3109



0.7961, 0.5679, 0.2902

Previews

White Background



This preview shows how the Yxy color 79.7478, 0.2975, 0.3354 looks on a white background.

Color Contrast Check

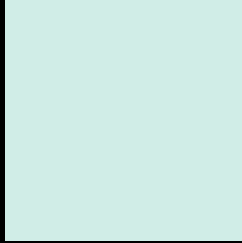
Large Text (above 18pt) WCAG AA × Fail

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 79.7478, 0.2975, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

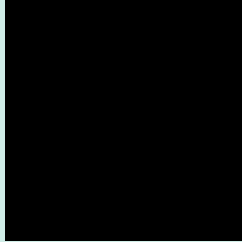
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

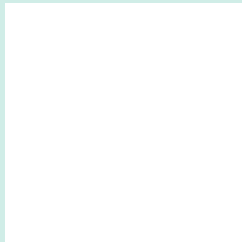
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7478, 0.2975, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 79.7478, 0.2975, 0.3354.

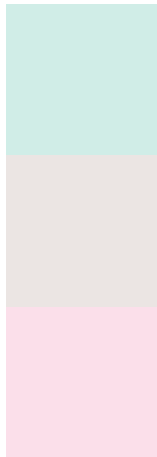


This preview shows how white text looks on a background with the Yxy color 79.7478, 0.2975, 0.3354.

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

79.7478, 0.2975, 0.3354

Protanopia

79.2468, 0.3181, 0.3311

Deuteranopia

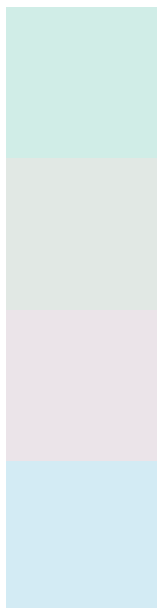
79.2251, 0.3252, 0.3180



Tritanopia

79.8710, 0.2878, 0.3100

Trichromacy



Original Color

79.7478, 0.2975, 0.3354

Protanomaly

79.3222, 0.3105, 0.3332

Deuteranomaly

79.0322, 0.3143, 0.3238

Tritanomaly

79.7972, 0.2918, 0.3194

Monochromacy



Original Color

79.7478, 0.2975, 0.3354

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.1811, 0.3072, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7478, 0.2975, 0.3354 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(208, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 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(208, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.7478, 0.2975, 0.3354 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(208, 237, 231) }
```

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

```
.border{ border-color:rgb(208, 237, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 237, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7478, 0.2975, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 237, 231) }
```

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

```
.background{ background-color: rgb(208,  
237, 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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