

Converting Colors

$Yxy(75.1925, 0.3026, 0.3358)$

Have a look what the booklet for
Yxy(75.1925, 0.3026, 0.3358)
contains.

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Color

Yxy(75.4767, 0.3029, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	D1E6DF
RGB	209, 230, 223
RGB Percent	82%, 90%, 87%
CMY	0.1806, 0.0980, 0.1256
CMYK	0.09, 0.00, 0.03, 0.10
HSL	160°, 30%, 86%
HSV	160°, 9%, 90%
XYZ	67.8999, 75.4767, 80.7894
YIQ	222.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

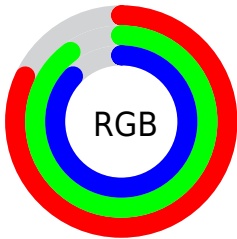
Format	Color
R _Y B	209, 222, 230
Decimal	13756127
CIE Lab	89.62, -8.27, 1.03
CIE LCh	90, 8.333, 172.873
Yxy	75.4767, 0.3029, 0.3367
Android (android.graphics.Color)	4291946207 (0xFFD1E6DF)
YUV	222.9230, 0.0380, -12.2105
Hunter-Lab	86.8773, -12.5268, 5.6789

Details

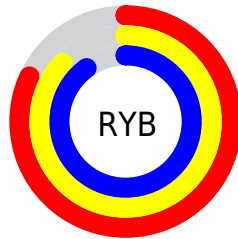
The Yxy color $75.4767, 0.3029, 0.3367$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.3646, 0.3236, 0.3214$, and the grayscale version is $73.7363, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3571, 0.3001, 0.3390$ is the 20% darker color. If you saturate the color by 10%, you get $71.9592, 0.2926, 0.3460$, and if you desaturate by 10%, it is $79.5037, 0.3136, 0.3283$.

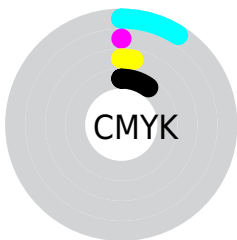
Distribution



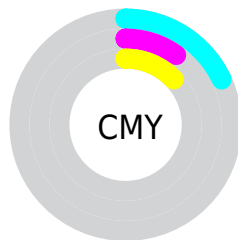
- Red (82%)
- Green (90%)
- Blue (87%)



- Red (82%)
- Yellow (87%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4767, 0.3029, 0.3367 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 75.4767, 0.3029, 0.3367 by changing the saturation by 10% instead.

■ 75.4767, 0.3029,
0.3367

■ 75.4767, 0.3029,
0.3367

479.5545, 0.3074,
0.3332

■ 56.0035, 0.3019,
0.3375

126.9869, 0.3045,
0.3355

■ 40.2057, 0.3006,
0.3385

159.7927, 0.3051,
0.3350

■ 27.6990, 0.2990,
0.3398

197.8116, 0.3056,
0.3346

■ 18.0989, 0.2969,
0.3414

241.4278, 0.3061,
0.3342

■ 11.0210, 0.2940,
0.3437

291.0258, 0.3065,
0.3339

■ 6.0810, 0.2899,
0.3470

346.9900, 0.3068,

■ 2.8944, 0.2835,

0.3336

0.3521

409.7047, 0.3071,
0.3334

■ 1.0768, 0.2719,
0.3615

■ 0.0000, 0.0000,
0.0000

■ 75.4767, 0.3029,
0.3367

■ 75.4767, 0.3029,
0.3367

■ 71.9592, 0.2926,
0.3460

■ 79.5037, 0.3136,
0.3283

■ 68.9208, 0.2829,
0.3562


■ 84.0503, 0.3245,
0.3208

■ 66.3422, 0.2741,
0.3672


■ 84.5195, 0.3196,
0.3134


■ 64.1992, 0.2667,
0.3790

■ 85.0012, 0.3147,
0.3061


 62.4653, 0.2608,
0.3914

 85.0836, 0.3138,
0.3049

 61.1111, 0.2567,
0.4041

 60.1029, 0.2547,
0.4171

 59.4012, 0.2546,
0.4300

 58.9438, 0.2564,
0.4426

Harmonies

Analogous

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



75.4767, 0.3125, 0.3436



75.4767, 0.3029, 0.3367



75.4767, 0.2960, 0.3277

Triad

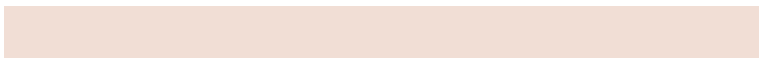
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4767, 0.3029, 0.3367



75.4767, 0.3031, 0.3122



75.4767, 0.3323, 0.3383

Complementary

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



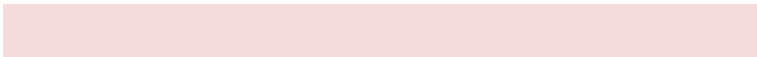
75.4767, 0.3029, 0.3367



67.3646, 0.3236, 0.3214

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.



75.4767, 0.3297, 0.3299



75.4767, 0.3029, 0.3367



75.4767, 0.3127, 0.3150

Square

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



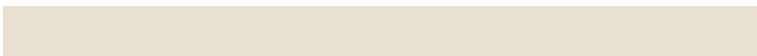
75.4767, 0.3029, 0.3367



75.4767, 0.2961, 0.3137



75.4767, 0.3225, 0.3215



75.4767, 0.3295, 0.3443

Rectangle

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



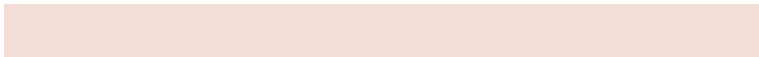
75.4767, 0.3029, 0.3367



75.4767, 0.2938, 0.3219



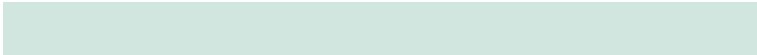
75.4767, 0.3225, 0.3215



75.4767, 0.3320, 0.3356

Sweetspot

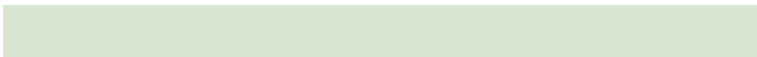
The Sweet Spot groups the original color and five complimentary colors.



75.4799, 0.3029, 0.3367



98.4144, 0.3095, 0.3315



75.8543, 0.3167, 0.3521



20.9762, 0.3086, 0.3321



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.



75.4799, 0.3029, 0.3367



94.4739, 0.3009, 0.3384



74.1248, 0.2986, 0.3255



16.2503, 0.3026, 0.3370



33.3691, 0.2560, 0.4417



2.4829, 0.2509, 0.4232

Inverse Universe

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



67.3646, 0.3236, 0.3214



82.2455, 0.3262, 0.3198



68.5736, 0.3283, 0.3325



14.4470, 0.3240, 0.3212



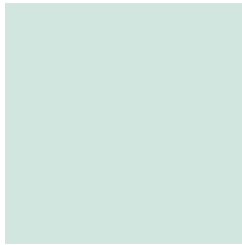
9.8465, 0.5632, 0.2876



0.7444, 0.5221, 0.2650

Previews

White Background



This preview shows how the Yxy color 75.4767, 0.3029, 0.3367 looks on a white background.

Color Contrast Check

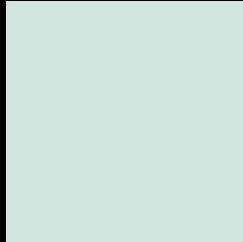
Large Text (above 18pt) WCAG AA × Fail

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 75.4767, 0.3029, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

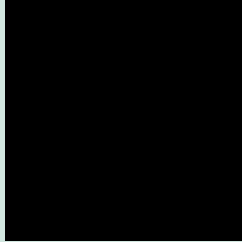
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

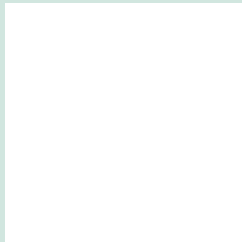
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4767, 0.3029, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 75.4767, 0.3029, 0.3367.

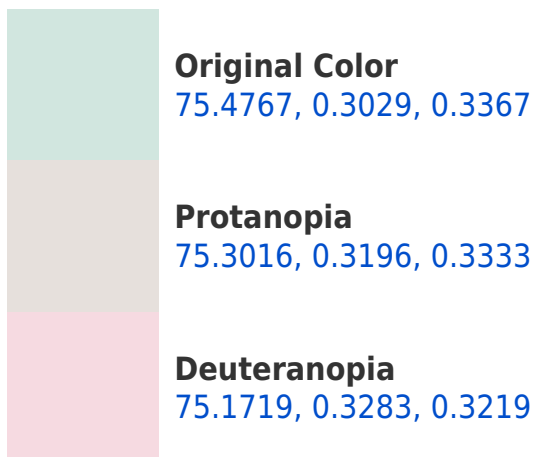


This preview shows how white text looks on a background with the Yxy color 75.4767, 0.3029, 0.3367.

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

75.6769, 0.2922, 0.3098

Trichromacy



Original Color

75.4767, 0.3029, 0.3367

Protanomaly

75.1428, 0.3132, 0.3344

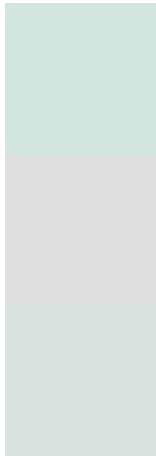
Deuteranomaly

74.9480, 0.3192, 0.3269

Tritanomaly

75.5983, 0.2964, 0.3193

Monochromacy



Original Color

75.4767, 0.3029, 0.3367

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.6259, 0.3091, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4767, 0.3029, 0.3367 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(209, 230, 223)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 223)  
}
```

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(209, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 223) }
```

Border

The CSS property to change the border of an element to Yxy 75.4767, 0.3029, 0.3367 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(209, 230, 223) }
```

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

```
.border{ border-color:rgb(209, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.4767, 0.3029, 0.3367$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 223) }
```

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

```
.background{ background-color: rgb(209,  
230, 223) }
```

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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