

Converting Colors

Yxy(75.9494, 0.2956, 0.3246)

Have a look what the booklet for
Yxy(75.9494, 0.2956, 0.3246)
contains.

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Color

Yxy(75.9440, 0.2956, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	D0E6EA
RGB	208, 230, 234
RGB Percent	82%, 90%, 92%
CMY	0.1843, 0.0980, 0.0823
CMYK	0.11, 0.02, 0.00, 0.08
HSL	189°, 38%, 87%
HSV	189°, 11%, 92%
XYZ	69.1591, 75.9440, 88.8587
YIQ	223.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

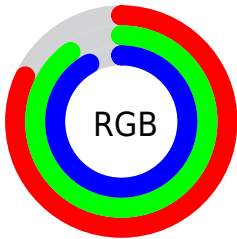
Format	Color
R _Y B	208, 220, 234
Decimal	13690602
CIE Lab	89.83, -6.46, -4.43
CIE LCh	90, 7.833, 214.434
Yxy	75.9440, 0.2956, 0.3246
Android (android.graphics.Color)	4291880682 (0xFFD0E6EA)
YUV	223.8780, 4.9901, -13.9250
Hunter-Lab	87.1459, -10.8473, 0.5468

Details

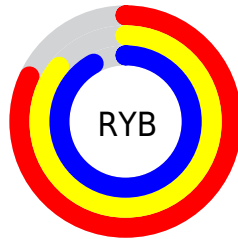
The Yxy color **75.9440, 0.2956, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1301, 0.3321, 0.3334**, and the grayscale version is **74.4222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6466, 0.2916, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **70.8202, 0.2807, 0.3203**, and if you desaturate by 10%, it is **81.6159, 0.3110, 0.3286**.

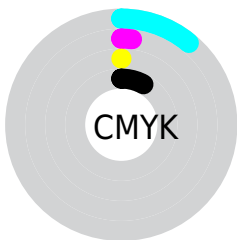
Distribution



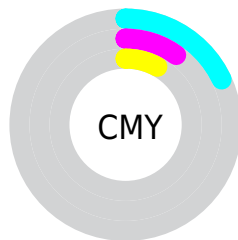
- Red (82%)
- Green (90%)
- Blue (92%)



- Red (82%)
- Yellow (86%)
- Blue (92%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9440, 0.2956, 0.3246 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 75.9440, 0.2956, 0.3246 by changing the saturation by 10% instead.

■ 75.9440, 0.2956,
0.3246

■ 75.9440, 0.2956,
0.3246

481.1560, 0.3034,
0.3267

■ 56.3866, 0.2938,
0.3241

127.6477, 0.2983,
0.3253

■ 40.5130, 0.2917,
0.3235

160.5629, 0.2994,
0.3256

■ 27.9387, 0.2889,
0.3227

198.6994, 0.3003,
0.3259

■ 18.2795, 0.2854,
0.3217

242.4416, 0.3011,
0.3261

■ 11.1508, 0.2806,
0.3203

292.1740, 0.3018,
0.3262

■ 6.1684, 0.2737,
0.3182

348.2809, 0.3024,

■ 2.9477, 0.2632,

0.3264

0.3148

411.1468, 0.3029,
0.3266

■ 1.1045, 0.2451,
0.3085

■ 0.0000, 0.0000,
0.0000

■ 75.9440, 0.2956,
0.3246

■ 75.9440, 0.2956,
0.3246

■ 70.8202, 0.2807,
0.3203

■ 81.6159, 0.3110,
0.3286

■ 66.2128, 0.2665,
0.3156

■ 87.8470, 0.3266,
0.3322

■ 62.1015, 0.2535,
0.3106

■ 89.9925, 0.3263,
0.3357

■ 58.4604, 0.2418,
0.3054

■ 92.1411, 0.3260,
0.3392

■ 55.2614, 0.2318,
0.2999

■ 94.3319, 0.3257,
0.3426

■ 52.4731, 0.2237,
0.2944

■ 96.5652, 0.3253,
0.3461

■ 50.0595, 0.2175,
0.2889

■ 98.7208, 0.3250,
0.3493

■ 47.9775, 0.2132,
0.2834

■ 46.3436, 0.2107,
0.2786

Harmonies

Analogous

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



75.9440, 0.3006, 0.3331



75.9440, 0.2956, 0.3246



75.9440, 0.2951, 0.3175

Triad

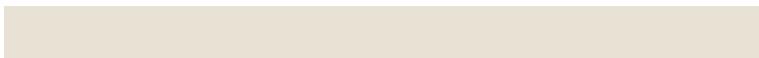
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9440, 0.2956, 0.3246



75.9440, 0.3164, 0.3179



75.9440, 0.3263, 0.3446

Complementary

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



75.9440, 0.2956, 0.3246



69.1301, 0.3321, 0.3334

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.



75.9440, 0.3306, 0.3403



75.9440, 0.2956, 0.3246



75.9440, 0.3249, 0.3249

Square

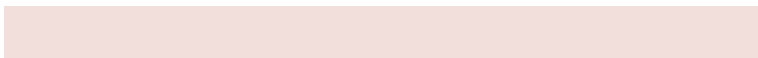
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9440, 0.2956, 0.3246



75.9440, 0.3070, 0.3138



75.9440, 0.3302, 0.3330



75.9440, 0.3183, 0.3448

Rectangle

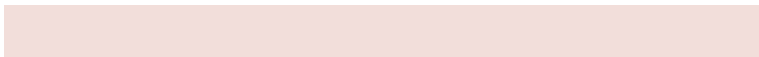
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



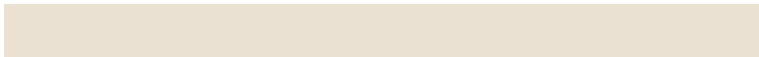
75.9440, 0.2956, 0.3246



75.9440, 0.2974, 0.3144



75.9440, 0.3302, 0.3330



75.9440, 0.3282, 0.3436

Sweetspot

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



75.9472, 0.2956, 0.3246



97.8298, 0.3080, 0.3279



77.0060, 0.3090, 0.3535



20.8177, 0.3068, 0.3275



0.0000, 0.0000, 0.0000



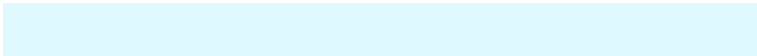
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9472, 0.2956, 0.3246



91.0374, 0.2927, 0.3238



69.0257, 0.2954, 0.3103



16.7044, 0.2981, 0.3253



26.1918, 0.2110, 0.2795



2.1632, 0.2131, 0.2870

Inverse Universe

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



68.3153, 0.3168, 0.3058



80.3190, 0.3176, 0.3016



75.8442, 0.3304, 0.3470



15.2717, 0.3161, 0.3093



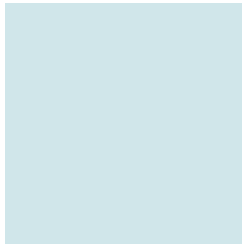
12.1369, 0.3640, 0.1779



0.9638, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 75.9440, 0.2956, 0.3246 looks on a white background.

Color Contrast Check

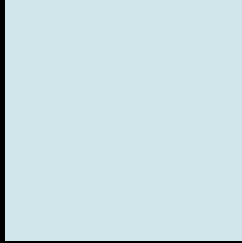
Large Text (above 18pt) WCAG AA × Fail

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 75.9440, 0.2956, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

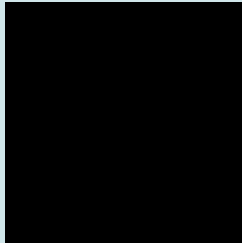
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

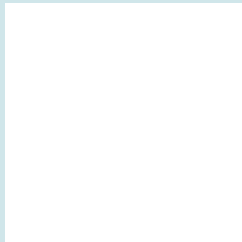
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9440, 0.2956, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 75.9440, 0.2956, 0.3246.

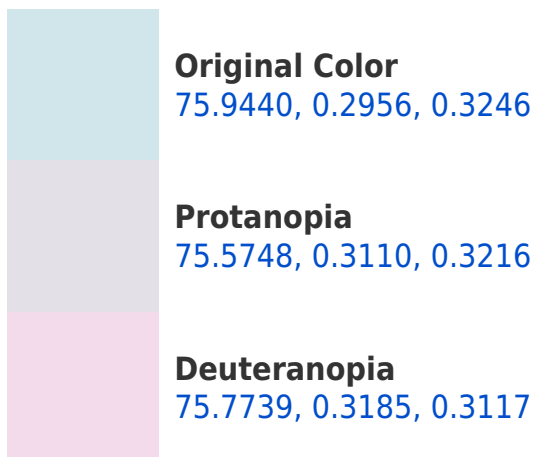


This preview shows how white text looks on a background with the Yxy color 75.9440, 0.2956, 0.3246.

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

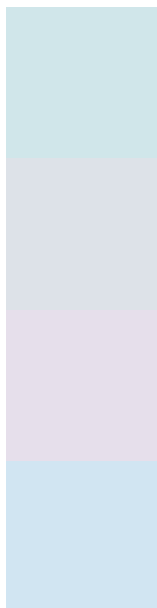




Tritanopia

75.8423, 0.2898, 0.3097

Trichromacy



Original Color

75.9440, 0.2956, 0.3246

Protanomaly

75.5911, 0.3055, 0.3226

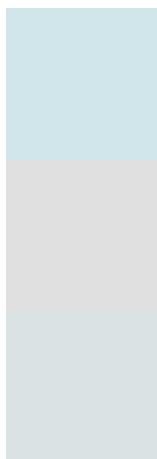
Deuteranomaly

75.5965, 0.3098, 0.3164

Tritanomaly

76.0047, 0.2915, 0.3150

Monochromacy



Original Color

75.9440, 0.2956, 0.3246

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8996, 0.3059, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9440, 0.2956, 0.3246 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, 230, 234)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 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(208, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 234) }
```

Border

The CSS property to change the border of an element to Yxy 75.9440, 0.2956, 0.3246 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, 230, 234) }
```

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

```
.border{ border-color:rgb(208, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9440, 0.2956, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 234) }
```

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

```
.background{ background-color: rgb(208,  
230, 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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