

Converting Colors

$Yxy(75.7416, 0.3003, 0.3278)$

Have a look what the booklet for
Yxy(75.7416, 0.3003, 0.3278)
contains.

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Color

Yxy(75.7488, 0.3006, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D4E5E6
RGB	212, 229, 230
RGB Percent	83%, 90%, 90%
CMY	0.1688, 0.1019, 0.0980
CMYK	0.08, 0.00, 0.00, 0.10
HSL	183°, 27%, 87%
HSV	183°, 8%, 90%
XYZ	69.4422, 75.7488, 85.8209
YIQ	224.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

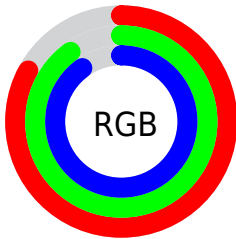
Format	Color
R _Y B	212, 221, 230
Decimal	13952486
CIE Lab	89.74, -5.46, -2.43
CIE LCh	90, 5.973, 204.014
Yxy	75.7488, 0.3006, 0.3279
Android (android.graphics.Color)	4292142566 (0xFFD4E5E6)
YUV	224.0310, 2.9427, -10.5512
Hunter-Lab	87.0338, -9.8882, 2.4599

Details

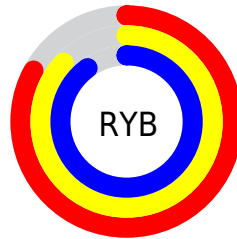
The Yxy color **75.7488, 0.3006, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1263, 0.3261, 0.3301**, and the grayscale version is **74.5451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5353, 0.2972, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **71.8872, 0.2858, 0.3264**, and if you desaturate by 10%, it is **80.1086, 0.3161, 0.3293**.

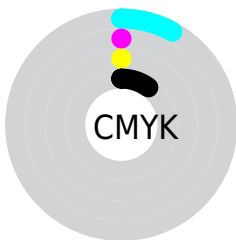
Distribution



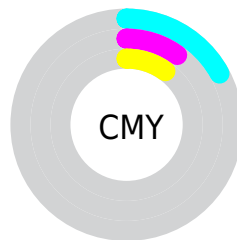
- Red (83%)
- Green (90%)
- Blue (90%)



- Red (83%)
- Yellow (87%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7488, 0.3006, 0.3279 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 75.7488, 0.3006, 0.3279 by changing the saturation by 10% instead.

■ 75.7488, 0.3006,
0.3279

■ 75.7488, 0.3006,
0.3279

480.4874, 0.3062,
0.3284

■ 56.2265, 0.2993,
0.3278

127.3718, 0.3025,
0.3281

■ 40.3846, 0.2978,
0.3276

160.2413, 0.3033,
0.3282

■ 27.8385, 0.2958,
0.3274

198.3286, 0.3039,
0.3282

■ 18.2040, 0.2933,
0.3271

242.0183, 0.3045,
0.3283

■ 11.0965, 0.2899,
0.3267

291.6946, 0.3050,
0.3283

■ 6.1318, 0.2849,
0.3261

347.7419, 0.3054,

■ 2.9254, 0.2773,

0.3284

410.5447, 0.3058,
0.3284

0.3251

1.0929, 0.2640,
0.3231

0.0000, 0.0000,
0.0000

75.7488, 0.3006,
0.3279

75.7488, 0.3006,
0.3279

71.8872, 0.2858,
0.3264

80.1086, 0.3161,
0.3293

68.4937, 0.2719,
0.3248


84.4124, 0.3299,
0.3306


65.5496, 0.2593,
0.3231

85.1149, 0.3297,
0.3318

63.0311, 0.2482,
0.3213


85.8224, 0.3296,
0.3330

 60.9123, 0.2388,
0.3195


 86.5349, 0.3295,
0.3342

 59.1646, 0.2314,
0.3176

 87.2524, 0.3293,
0.3355


 57.7551, 0.2259,
0.3158

 87.9749, 0.3292,
0.3367

 56.6455, 0.2223,
0.3139

 88.7024, 0.3291,
0.3379

 55.7829, 0.2203,
0.3122

 89.4350, 0.3289,
0.3391

Harmonies

Analogous

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



75.7488, 0.3055, 0.3343



75.7488, 0.3006, 0.3279



75.7488, 0.2990, 0.3219

Triad

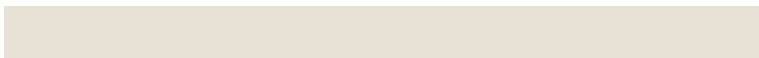
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7488, 0.3006, 0.3279



75.7488, 0.3130, 0.3191



75.7488, 0.3246, 0.3401

Complementary

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



75.7488, 0.3006, 0.3279



69.1263, 0.3261, 0.3301

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.



75.7488, 0.3267, 0.3359



75.7488, 0.3006, 0.3279



75.7488, 0.3200, 0.3238

Square

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



75.7488, 0.3006, 0.3279



75.7488, 0.3061, 0.3169



75.7488, 0.3250, 0.3299



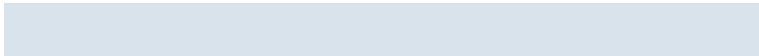
75.7488, 0.3193, 0.3414

Rectangle

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



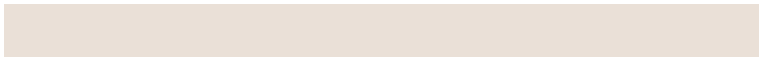
75.7488, 0.3006, 0.3279



75.7488, 0.2999, 0.3190



75.7488, 0.3250, 0.3299



75.7488, 0.3257, 0.3390

Sweetspot

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



75.7520, 0.3006, 0.3279



98.8692, 0.3096, 0.3287



75.3786, 0.3112, 0.3479



21.1739, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



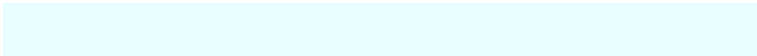
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7520, 0.3006, 0.3279



95.1129, 0.2988, 0.3277



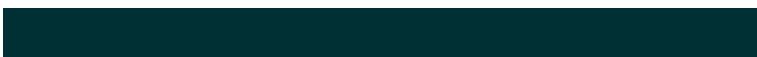
70.9268, 0.3006, 0.3181



16.1954, 0.2982, 0.3277



31.5447, 0.2200, 0.3121



2.3722, 0.2208, 0.3147

Inverse Universe

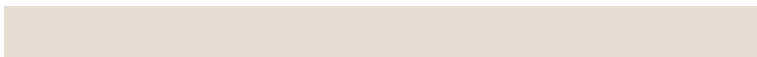
The Inverse Universe completely reimagines the original color for something new.



69.5431, 0.3143, 0.3109



86.1415, 0.3145, 0.3080



73.7505, 0.3252, 0.3397



14.6010, 0.3146, 0.3071



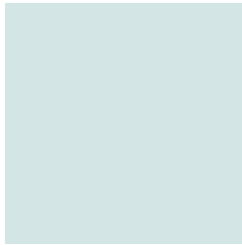
12.3822, 0.3349, 0.1619



0.9192, 0.3327, 0.1606

Previews

White Background



This preview shows how the Yxy color 75.7488, 0.3006, 0.3279 looks on a white background.

Color Contrast Check

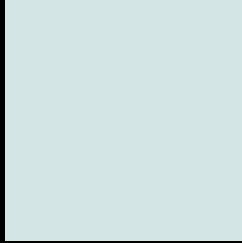
Large Text (above 18pt) WCAG AA × Fail

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 75.7488, 0.3006, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

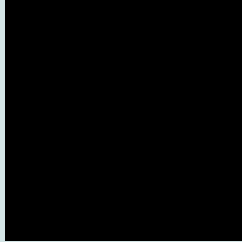
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

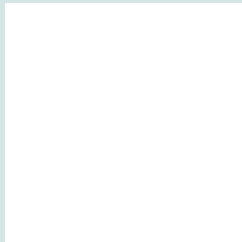
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7488, 0.3006, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 75.7488, 0.3006, 0.3279.

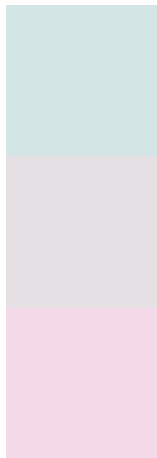


This preview shows how white text looks on a background with the Yxy color 75.7488, 0.3006, 0.3279.

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**

75.7488, 0.3006, 0.3279

Protanopia

75.5154, 0.3143, 0.3258

Deuteranopia

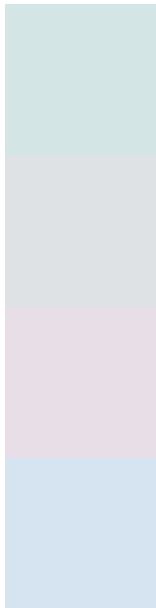
75.2021, 0.3220, 0.3147



Tritanopia

75.8269, 0.2929, 0.3098

Trichromacy



Original Color

75.7488, 0.3006, 0.3279

Protanomaly

75.6821, 0.3094, 0.3269

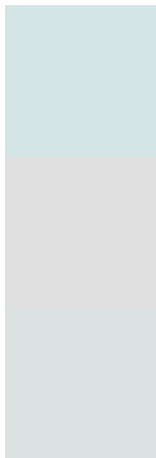
Deuteranomaly

75.1679, 0.3139, 0.3196

Tritanomaly

75.9242, 0.2952, 0.3161

Monochromacy



Original Color

75.7488, 0.3006, 0.3279

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.0993, 0.3086, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7488, 0.3006, 0.3279 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(212, 229, 230)` looks like.

```
.text, #text, p{  
    color:rgb(212, 229, 230)  
}
```

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(212, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 229, 230) }
```

Border

The CSS property to change the border of an element to Yxy 75.7488, 0.3006, 0.3279 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(212, 229, 230) }
```

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

```
.border{ border-color:rgb(212, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 229, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 229, 230);  
box-shadow:4px 4px 4px 4px rgb(212, 229,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7488, 0.3006, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 229, 230) }
```

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

```
.background{ background-color: rgb(212,  
229, 230) }
```

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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