

Converting Colors

$Yxy(74.8456, 0.2999, 0.3279)$

Have a look what the booklet for
Yxy(74.8456, 0.2999, 0.3279)
contains.

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Color

Yxy(74.8456, 0.2999, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D2E4E5
RGB	210, 228, 229
RGB Percent	82%, 89%, 90%
CMY	0.1766, 0.1058, 0.1020
CMYK	0.08, 0.00, 0.00, 0.10
HSL	183°, 27%, 86%
HSV	183°, 8%, 90%
XYZ	68.4544, 74.8456, 84.9574
YIQ	222.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

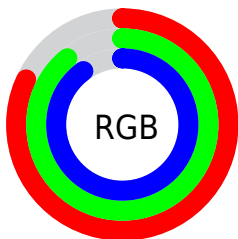
Format	Color
R _Y B	210, 219, 229
Decimal	13821157
CIE Lab	89.32, -5.78, -2.54
CIE LCh	89, 6.315, 203.685
Yxy	74.8456, 0.2999, 0.3279
Android (android.graphics.Color)	4292011237 (0xFFD2E4E5)
YUV	222.7320, 3.0901, -11.1660
Hunter-Lab	86.5134, -10.1588, 2.3357

Details

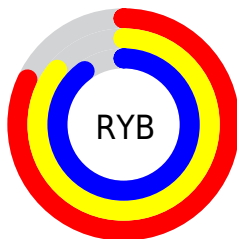
The Yxy color **74.8456, 0.2999, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8615, 0.3270, 0.3301**, and the grayscale version is **73.5725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9117, 0.2963, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **71.0850, 0.2851, 0.3265**, and if you desaturate by 10%, it is **79.0977, 0.3154, 0.3292**.

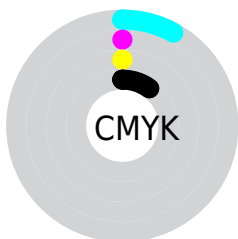
Distribution



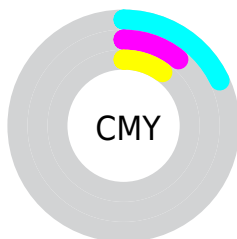
- Red (82%)
- Green (89%)
- Blue (90%)



- Red (82%)
- Yellow (86%)
- Blue (90%)



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



- Cyan (18%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8456, 0.2999, 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 74.8456, 0.2999, 0.3279 by changing the saturation by 10% instead.

■ 74.8456, 0.2999,
0.3279

■ 74.8456, 0.2999,
0.3279

477.3867, 0.3058,
0.3284

■ 55.4864, 0.2986,
0.3278

126.0938, 0.3019,
0.3281

■ 39.7913, 0.2969,
0.3276

158.7516, 0.3027,
0.3282

■ 27.3759, 0.2948,
0.3274

196.6110, 0.3034,
0.3282

■ 17.8557, 0.2921,
0.3271

240.0565, 0.3040,
0.3283

■ 10.8464, 0.2885,
0.3267

289.4724, 0.3045,
0.3283

■ 5.9637, 0.2832,
0.3261

345.2431, 0.3050,

■ 2.8230, 0.2750,

0.3284

0.3250

407.7531, 0.3054,
0.3284

■ 1.0400, 0.2606,
0.3229

■ 0.0000, 0.0000,
0.0000

■ 74.8456, 0.2999,
0.3279

■ 74.8456, 0.2999,
0.3279

■ 71.0850, 0.2851,
0.3265

■ 79.0977, 0.3154,
0.3292

■ 67.7861, 0.2713,
0.3250


■ 83.7069, 0.3307,
0.3304

■ 64.9303, 0.2588,
0.3233

■ 84.3604, 0.3306,
0.3316

■ 62.4941, 0.2478,
0.3217


■ 85.0183, 0.3304,
0.3327


 60.4517, 0.2386,
0.3199

 85.6806, 0.3303,
0.3339

 58.7744, 0.2313,
0.3182

 86.3472, 0.3302,
0.3350

 57.4299, 0.2259,
0.3165

 87.0183, 0.3300,
0.3362

 56.3797, 0.2224,
0.3148

 87.6937, 0.3299,
0.3373

 55.5688, 0.2205,
0.3131

 88.3736, 0.3298,
0.3384

Harmonies

Analogous

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



74.8456, 0.3051, 0.3347



74.8456, 0.2999, 0.3279



74.8456, 0.2981, 0.3215

Triad

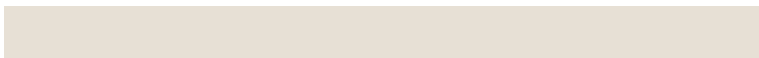
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8456, 0.2999, 0.3279



74.8456, 0.3130, 0.3184



74.8456, 0.3254, 0.3408

Complementary

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



74.8456, 0.2999, 0.3279



67.8615, 0.3270, 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.



74.8456, 0.3276, 0.3362



74.8456, 0.2999, 0.3279



74.8456, 0.3203, 0.3234

Square

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



74.8456, 0.2999, 0.3279



74.8456, 0.3056, 0.3162



74.8456, 0.3257, 0.3299



74.8456, 0.3198, 0.3421

Rectangle

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



74.8456, 0.2999, 0.3279



74.8456, 0.2991, 0.3184



74.8456, 0.3257, 0.3299



74.8456, 0.3265, 0.3396

Sweetspot

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



74.8488, 0.2999, 0.3279



98.8797, 0.3096, 0.3287



74.4265, 0.3111, 0.3491



21.1761, 0.3097, 0.3288



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

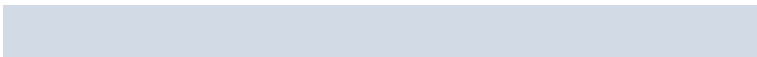
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8488, 0.2999, 0.3279



94.6534, 0.2973, 0.3277



69.7668, 0.2999, 0.3174



16.2037, 0.2982, 0.3277



31.7581, 0.2203, 0.3131



2.3857, 0.2210, 0.3155

Inverse Universe

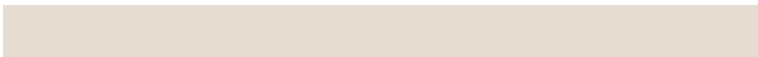
The Inverse Universe completely reimagines the original color for something new.



68.3322, 0.3143, 0.3097



84.7122, 0.3147, 0.3056



72.7173, 0.3259, 0.3403



14.6019, 0.3146, 0.3070



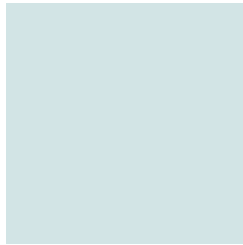
12.4037, 0.3341, 0.1614



0.9205, 0.3320, 0.1602

Previews

White Background



This preview shows how the Yxy color 74.8456, 0.2999, 0.3279 looks on a white background.

Color Contrast Check

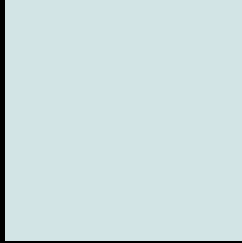
Large Text (above 18pt) WCAG AA × Fail

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 74.8456, 0.2999, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

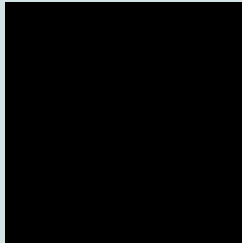
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

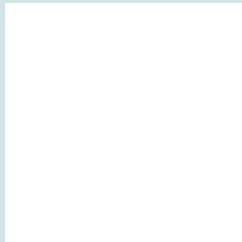
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8456, 0.2999, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 74.8456, 0.2999, 0.3279.

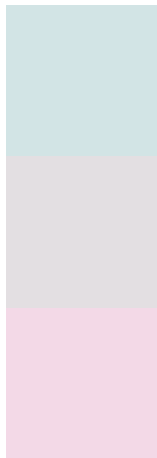


This preview shows how white text looks on a background with the Yxy color 74.8456, 0.2999, 0.3279.

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

74.8456, 0.2999, 0.3279

Protanopia

74.5972, 0.3136, 0.3258

Deuteranopia

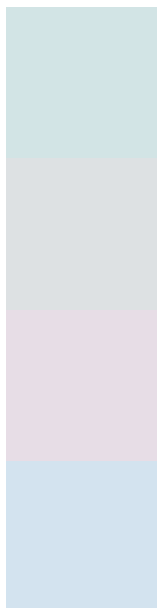
74.4499, 0.3221, 0.3147



Tritanopia

74.9214, 0.2921, 0.3097

Trichromacy



Original Color

74.8456, 0.2999, 0.3279

Protanomaly

74.7686, 0.3087, 0.3268

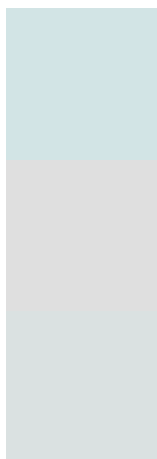
Deuteranomaly

74.4150, 0.3139, 0.3195

Tritanomaly

75.0190, 0.2945, 0.3160

Monochromacy



Original Color

74.8456, 0.2999, 0.3279

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.1921, 0.3079, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8456, 0.2999, 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(210, 228, 229)` looks like.

```
.text, #text, p{  
    color:rgb(210, 228, 229)  
}
```

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(210, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 228, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.8456, 0.2999, 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(210, 228, 229) }
```

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

```
.border{ border-color:rgb(210, 228, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 228, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 228, 229); box-shadow:4px 4px 4px 4px rgb(210, 228, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8456, 0.2999, 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(210, 228, 229) }
```

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

```
.background{ background-color: rgb(210,  
228, 229) }
```

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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