

Converting Colors

$Yxy(74.1641, 0.2989, 0.3256)$

Have a look what the booklet for
Yxy(74.1641, 0.2989, 0.3256)
contains.

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Color

Yxy(74.2067, 0.2986, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D1E3E6
RGB	209, 227, 230
RGB Percent	82%, 89%, 90%
CMY	0.1806, 0.1097, 0.0980
CMYK	0.09, 0.01, 0.00, 0.10
HSL	188°, 30%, 86%
HSV	188°, 9%, 90%
XYZ	68.0323, 74.2067, 85.5986
YIQ	221.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

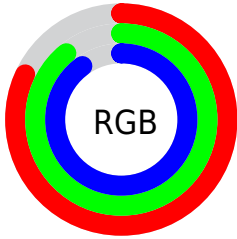
Format	Color
R _Y B	209, 219, 230
Decimal	13755366
CIE Lab	89.02, -5.41, -3.52
CIE LCh	89, 6.453, 213.024
Yxy	74.2067, 0.2986, 0.3257
Android (android.graphics.Color)	4291945446 (0xFFD1E3E6)
YUV	221.9600, 3.9637, -11.3659
Hunter-Lab	86.1433, -9.7791, 1.3852

Details

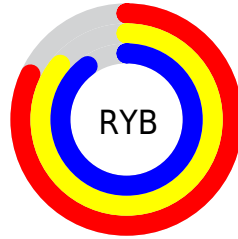
The Yxy color **74.2067, 0.2986, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4657, 0.3283, 0.3323**, and the grayscale version is **72.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4702, 0.2946, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **69.3339, 0.2836, 0.3218**, and if you desaturate by 10%, it is **79.6035, 0.3140, 0.3293**.

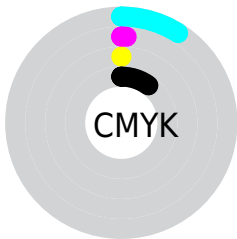
Distribution



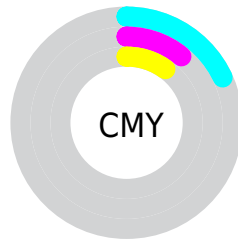
- Red (82%)
- Green (89%)
- Blue (90%)



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



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2067, 0.2986, 0.3257 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 74.2067, 0.2986, 0.3257 by changing the saturation by 10% instead.

■ 74.2067, 0.2986,
0.3257

■ 74.2067, 0.2986,
0.3257

475.1865, 0.3051,
0.3273

■ 54.9632, 0.2971,
0.3253

125.1888, 0.3008,
0.3263

■ 39.3723, 0.2953,
0.3249

157.6962, 0.3017,
0.3265

■ 27.0495, 0.2930,
0.3243

195.3937, 0.3025,
0.3266

■ 17.6104, 0.2900,
0.3235

238.6657, 0.3031,
0.3268

■ 10.6706, 0.2860,
0.3224

287.8965, 0.3037,
0.3269

■ 5.8458, 0.2801,
0.3208

343.4707, 0.3042,

■ 2.7516, 0.2711,

0.3271

0.3182

405.7725, 0.3047,
0.3272

■ 1.0034, 0.2551,
0.3133

■ 0.0000, 0.0000,
0.0000

■ 74.2067, 0.2986,
0.3257

■ 74.2067, 0.2986,
0.3257

■ 69.3339, 0.2836,
0.3218

■ 79.6035, 0.3140,
0.3293

■ 64.9549, 0.2694,
0.3175

■ 85.5346, 0.3296,
0.3325

■ 61.0505, 0.2562,
0.3130

■ 87.4091, 0.3293,
0.3357

■ 57.5966, 0.2444,
0.3083

■ 89.3055, 0.3290,
0.3389

■ 54.5668, 0.2342,
0.3034

■ 91.2361, 0.3286,
0.3420

■ 51.9316, 0.2259,
0.2984

■ 93.2011, 0.3283,
0.3452

■ 49.6576, 0.2195,
0.2933

■ 95.2008, 0.3279,
0.3483

■ 47.7053, 0.2150,
0.2883

■ 97.2352, 0.3276,
0.3514

■ 46.0126, 0.2121,
0.2833

■ 98.4931, 0.3274,
0.3532

Harmonies

Analogous

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



74.2067, 0.3029, 0.3327



74.2067, 0.2986, 0.3257



74.2067, 0.2980, 0.3197

Triad

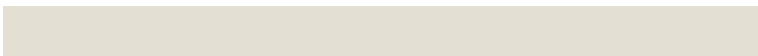
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2067, 0.2986, 0.3257



74.2067, 0.3154, 0.3195



74.2067, 0.3242, 0.3419

Complementary

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



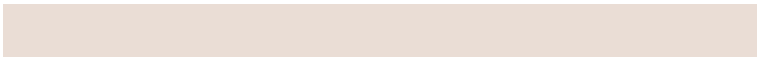
74.2067, 0.2986, 0.3257



68.4657, 0.3283, 0.3323

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.



74.2067, 0.3277, 0.3381



74.2067, 0.2986, 0.3257



74.2067, 0.3226, 0.3253

Square

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



74.2067, 0.2986, 0.3257



74.2067, 0.3076, 0.3162



74.2067, 0.3271, 0.3321



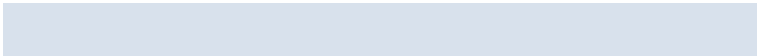
74.2067, 0.3177, 0.3422

Rectangle

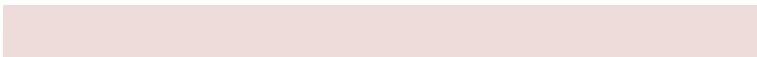
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



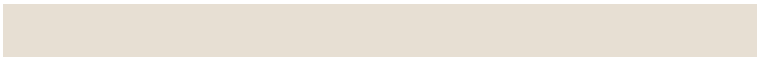
74.2067, 0.2986, 0.3257



74.2067, 0.2998, 0.3171



74.2067, 0.3271, 0.3321



74.2067, 0.3258, 0.3410

Sweetspot

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



74.2098, 0.2986, 0.3257



97.8902, 0.3080, 0.3279



74.8795, 0.3099, 0.3493



20.8341, 0.3068, 0.3277



0.0000, 0.0000, 0.0000



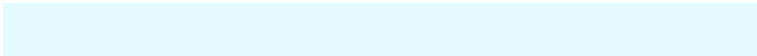
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2098, 0.2986, 0.3257



92.5603, 0.2957, 0.3250



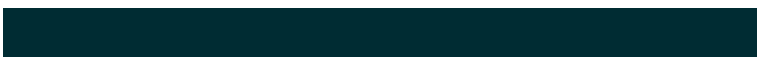
68.7090, 0.2985, 0.3142



15.9709, 0.2981, 0.3256



26.1093, 0.2122, 0.2837



2.0251, 0.2142, 0.2910

Inverse Universe

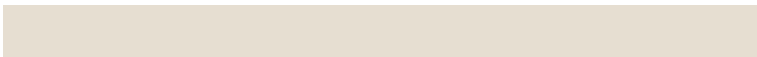
The Inverse Universe completely reimagines the original color for something new.



67.9395, 0.3158, 0.3097



83.1382, 0.3165, 0.3056



73.8122, 0.3272, 0.3434



14.5784, 0.3159, 0.3091



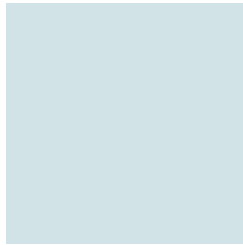
11.8335, 0.3600, 0.1757



0.8841, 0.3535, 0.1721

Previews

White Background



This preview shows how the Yxy color 74.2067, 0.2986, 0.3257 looks on a white background.

Color Contrast Check

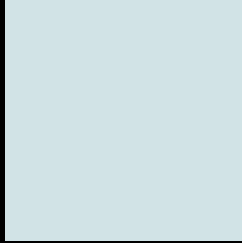
Large Text (above 18pt) WCAG AA × Fail

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 74.2067, 0.2986, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

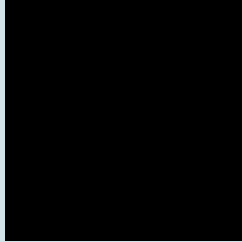
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

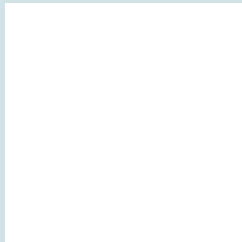
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2067, 0.2986, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 74.2067, 0.2986, 0.3257.

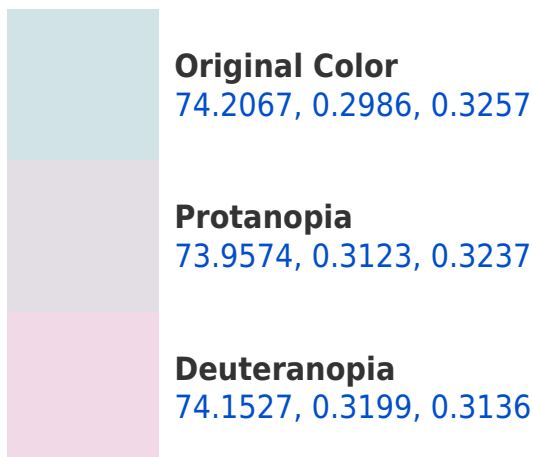


This preview shows how white text looks on a background with the Yxy color 74.2067, 0.2986, 0.3257.

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

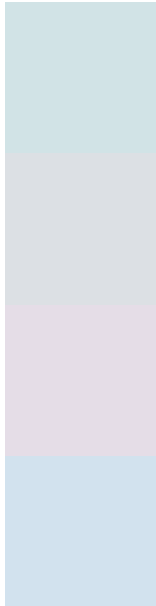




Tritanopia

74.1704, 0.2921, 0.3096

Trichromacy



Original Color

74.2067, 0.2986, 0.3257

Protanomaly

74.1284, 0.3074, 0.3247

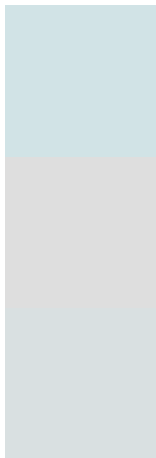
Deuteranomaly

74.1404, 0.3118, 0.3184

Tritanomaly

74.2674, 0.2944, 0.3160

Monochromacy



Original Color

74.2067, 0.2986, 0.3257

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4993, 0.3072, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2067, 0.2986, 0.3257 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, 227, 230)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 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(209, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.2067, 0.2986, 0.3257 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, 227, 230) }
```

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

```
.border{ border-color:rgb(209, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2067, 0.2986, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 230) }
```

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

```
.background{ background-color: rgb(209,  
227, 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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