

Converting Colors

$Yxy(73.5674, 0.3040, 0.3236)$

Have a look what the booklet for
Yxy(73.5674, 0.3040, 0.3236)
contains.

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Color

Yxy(73.5674, 0.3040, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	D8E0E5
RGB	216, 224, 229
RGB Percent	85%, 88%, 90%
CMY	0.1530, 0.1215, 0.1021
CMYK	0.06, 0.02, 0.00, 0.10
HSL	203°, 20%, 87%
HSV	203°, 6%, 90%
XYZ	69.1115, 73.5674, 84.6616
YIQ	222.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

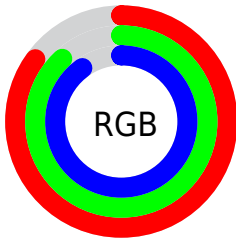
Format	Color
R _Y B	216, 221, 229
Decimal	14213349
CIE Lab	88.72, -1.75, -3.36
CIE LCh	89, 3.793, 242.449
Yxy	73.5674, 0.3040, 0.3236
Android (android.graphics.Color)	4292403429 (0xFFD8E0E5)
YUV	222.1780, 3.3632, -5.4181
Hunter-Lab	85.7714, -6.2712, 1.5172

Details

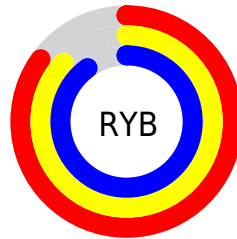
The Yxy color **73.5674, 0.3040, 0.3236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2959, 0.3218, 0.3343**, and the grayscale version is **73.1581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0090, 0.3014, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **65.7414, 0.2884, 0.3132**, and if you desaturate by 10%, it is **82.1274, 0.3193, 0.3329**.

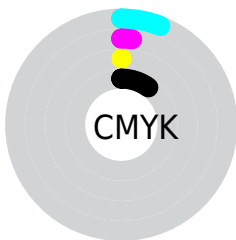
Distribution



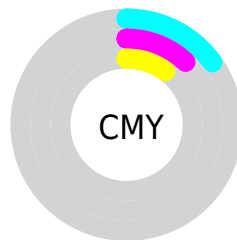
- Red (85%)
- Green (88%)
- Blue (90%)



- Red (85%)
- Yellow (87%)
- Blue (90%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5674, 0.3040, 0.3236 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 73.5674, 0.3040, 0.3236 by changing the saturation by 10% instead.

■ 73.5674, 0.3040,
0.3236

■ 73.5674, 0.3040,
0.3236

472.9790, 0.3080,
0.3261

■ 54.4400, 0.3031,
0.3230

124.2824, 0.3054,
0.3245

■ 38.9536, 0.3020,
0.3223

156.6388, 0.3059,
0.3248

■ 26.7236, 0.3005,
0.3214

194.1737, 0.3064,
0.3251

■ 17.3658, 0.2986,
0.3202

237.2714, 0.3068,
0.3254

■ 10.4956, 0.2961,
0.3186

286.3164, 0.3072,
0.3256

■ 5.7288, 0.2924,
0.3162

341.6931, 0.3075,

■ 2.6809, 0.2867,

0.3258

403.7858, 0.3078,
0.3260

0.3125

0.9675, 0.2764,
0.3057

0.0000, 0.0000,
0.0000

73.5674, 0.3040,
0.3236

73.5674, 0.3040,
0.3236

65.7414, 0.2884,
0.3132

82.1274, 0.3193,
0.3329

58.6166, 0.2727,
0.3018

90.1246, 0.3295,
0.3413

52.1708, 0.2572,
0.2894

95.4419, 0.3285,
0.3497

46.3775, 0.2423,
0.2761

98.4354, 0.3280,
0.3542

■ 41.2075, 0.2285,
0.2619

■ 36.6293, 0.2160,
0.2473

■ 32.6073, 0.2054,
0.2324

■ 29.1010, 0.1968,
0.2176

■ 26.0609, 0.1904,
0.2031

Harmonies

Analogous

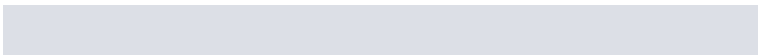
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5674, 0.3044, 0.3272



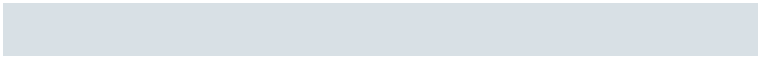
73.5674, 0.3040, 0.3236



73.5674, 0.3059, 0.3215

Triad

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



73.5674, 0.3040, 0.3236



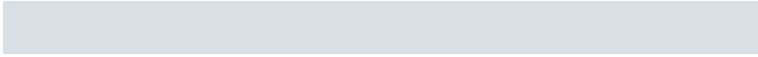
73.5674, 0.3184, 0.3267



73.5674, 0.3158, 0.3367

Complementary

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



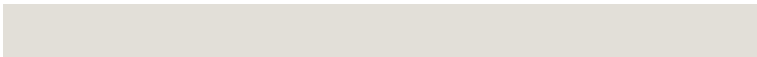
73.5674, 0.3040, 0.3236



73.2959, 0.3218, 0.3343

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.



73.5674, 0.3196, 0.3366



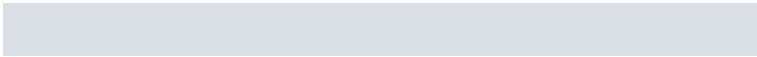
73.5674, 0.3040, 0.3236



73.5674, 0.3211, 0.3308

Square

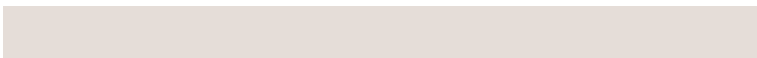
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5674, 0.3040, 0.3236



73.5674, 0.3142, 0.3233



73.5674, 0.3215, 0.3344



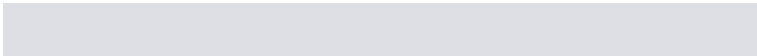
73.5674, 0.3112, 0.3348

Rectangle

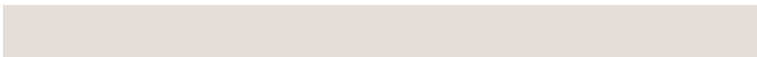
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



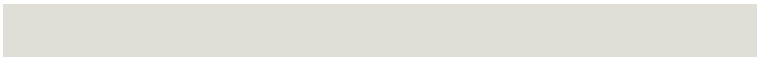
73.5674, 0.3040, 0.3236



73.5674, 0.3083, 0.3212



73.5674, 0.3215, 0.3344



73.5674, 0.3172, 0.3369

Sweetspot

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



73.5705, 0.3040, 0.3236



97.8089, 0.3096, 0.3271



75.8258, 0.3090, 0.3379



20.9582, 0.3098, 0.3272



0.0000, 0.0000, 0.0000



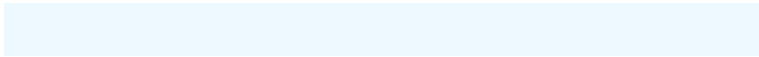
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5705, 0.3040, 0.3236



92.4969, 0.3019, 0.3222



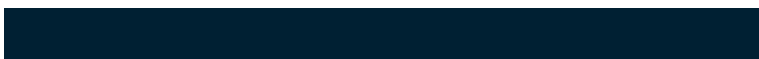
70.2518, 0.3041, 0.3167



15.6920, 0.3011, 0.3217



14.4548, 0.1886, 0.1991



1.2463, 0.1945, 0.2201

Inverse Universe

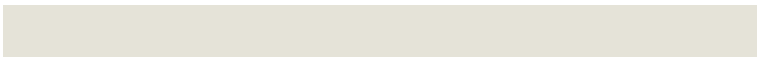
The Inverse Universe completely reimagines the original color for something new.



71.1428, 0.3167, 0.3204



88.7039, 0.3177, 0.3183



76.6786, 0.3212, 0.3410



15.0006, 0.3181, 0.3175



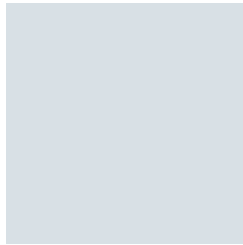
10.6569, 0.4463, 0.2232



0.8055, 0.4231, 0.2104

Previews

White Background



This preview shows how the Yxy color 73.5674, 0.3040, 0.3236 looks on a white background.

Color Contrast Check

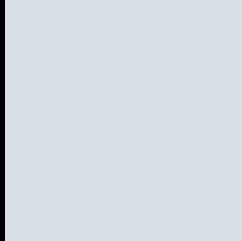
Large Text (above 18pt) WCAG AA × Fail

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 73.5674, 0.3040, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

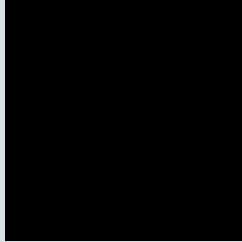
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

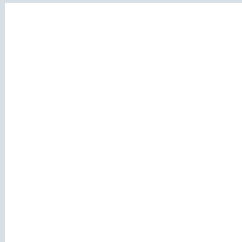
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5674, 0.3040, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 73.5674, 0.3040, 0.3236.

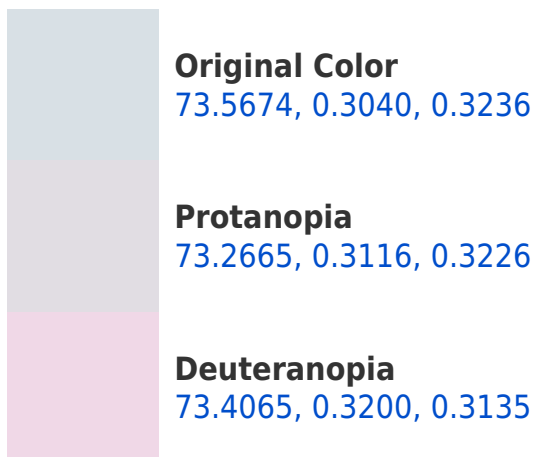


This preview shows how white text looks on a background with the Yxy color 73.5674, 0.3040, 0.3236.

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

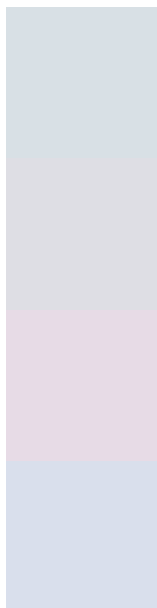




Tritanopia

73.4392, 0.2985, 0.3098

Trichromacy



Original Color

73.5674, 0.3040, 0.3236

Protanomaly

73.3736, 0.3088, 0.3225

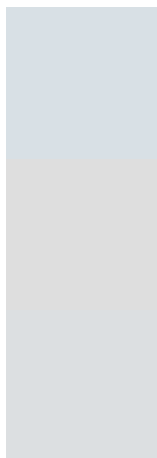
Deuteranomaly

73.3651, 0.3140, 0.3174

Tritanomaly

73.5832, 0.3003, 0.3150

Monochromacy



Original Color

73.5674, 0.3040, 0.3236

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4272, 0.3093, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5674, 0.3040, 0.3236 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(216, 224, 229) looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 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(216, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.5674, 0.3040, 0.3236 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(216, 224, 229) }
```

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

```
.border{ border-color:rgb(216, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 224, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 224, 229); box-shadow:4px 4px 4px 4px rgb(216, 224, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5674, 0.3040, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 224, 229) }
```

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

```
.background{ background-color: rgb(216,  
224, 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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