

Converting Colors

Yxy(74.1641, 0.3042, 0.3246)

Have a look what the booklet for
Yxy(74.1641, 0.3042, 0.3246)
contains.

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Color

Yxy(74.1065, 0.3040, 0.3246)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D8E1E5 |
| RGB | 216, 225, 229 |
| RGB Percent | 85%, 88%, 90% |
| CMY | 0.1527, 0.1177, 0.1019 |
| CMYK | 0.06, 0.02, 0.00, 0.10 |
| HSL | 199°, 20%, 87% |
| HSV | 199°, 6%, 90% |
| XYZ | 69.4035, 74.1065, 84.7910 |
| YIQ | 222.7650, -6.6480, -0.6640 |

Conversions

Conversions Part 2

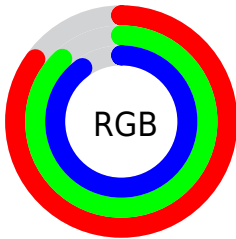
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 216, 221, 229 |
| Decimal | 14213605 |
| CIE Lab | 88.97, -2.22, -3.02 |
| CIE LCh | 89, 3.746, 233.623 |
| Yxy | 74.1065, 0.3040, 0.3246 |
| Android (android.graphics.Color) | 4292403685 (0xFFD8E1E5) |
| YUV | 222.7650, 3.0739, -5.9329 |
| Hunter-Lab | 86.0851, -6.7388, 1.8609 |

Details

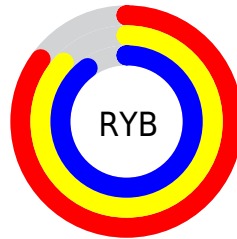
The Yxy color **74.1065, 0.3040, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8646, 0.3218, 0.3334**, and the grayscale version is **73.6069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3825, 0.3014, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **67.0806, 0.2885, 0.3162**, and if you desaturate by 10%, it is **81.7863, 0.3193, 0.3322**.

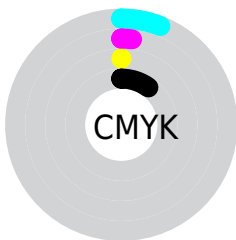
Distribution



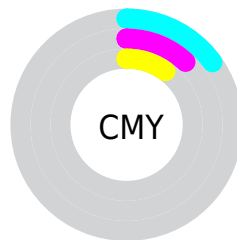
- Red (85%)
- Green (88%)
- Blue (90%)



- 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 74.1065, 0.3040, 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 74.1065, 0.3040, 0.3246 by changing the saturation by 10% instead.

■ 74.1065, 0.3040,
0.3246

■ 74.1065, 0.3040,
0.3246

474.8409, 0.3080,
0.3267

■ 54.8812, 0.3031,
0.3241

125.0468, 0.3054,
0.3253

■ 39.3066, 0.3020,
0.3235

157.5305, 0.3059,
0.3256

■ 26.9983, 0.3005,
0.3228

195.2026, 0.3064,
0.3258

■ 17.5720, 0.2987,
0.3218

238.4473, 0.3068,
0.3260

■ 10.6431, 0.2961,
0.3205

287.6491, 0.3072,
0.3262

■ 5.8274, 0.2925,
0.3186

343.1924, 0.3075,

■ 2.7404, 0.2868,

0.3264

0.3155

405.4615, 0.3078,
0.3265

■ 0.9978, 0.2767,
0.3099

■ 0.0000, 0.0000,
0.0000

■ 74.1065, 0.3040,
0.3246

■ 74.1065, 0.3040,
0.3246

■ 67.0806, 0.2885,
0.3162

■ 81.7863, 0.3193,
0.3322

■ 60.6771, 0.2732,
0.3069

■ 88.8049, 0.3297,
0.3391

■ 54.8760, 0.2583,
0.2969

■ 93.0738, 0.3289,
0.3460

■ 49.6521, 0.2441,
0.2862

■ 97.5097, 0.3281,
0.3528

■ 44.9784, 0.2312,
0.2748

■ 98.4385, 0.3279,
0.3542

■ 40.8248, 0.2198,
0.2631

■ 37.1579, 0.2102,
0.2512

■ 33.9391, 0.2026,
0.2392

■ 31.1210, 0.1971,
0.2275

Harmonies

Analogous

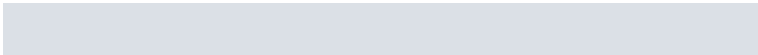
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1065, 0.3051, 0.3284



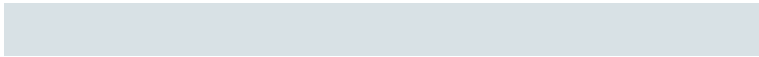
74.1065, 0.3040, 0.3246



74.1065, 0.3052, 0.3220

Triad

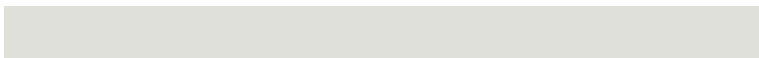
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1065, 0.3040, 0.3246



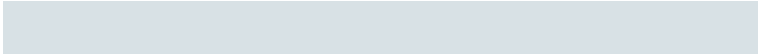
74.1065, 0.3173, 0.3257



74.1065, 0.3169, 0.3368

Complementary

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



74.1065, 0.3040, 0.3246



72.8646, 0.3218, 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.



74.1065, 0.3202, 0.3360



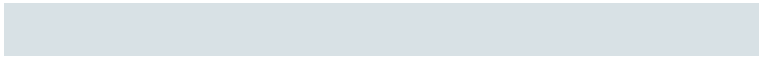
74.1065, 0.3040, 0.3246



74.1065, 0.3204, 0.3296

Square

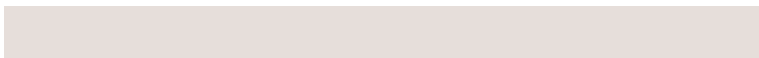
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1065, 0.3040, 0.3246



74.1065, 0.3129, 0.3227



74.1065, 0.3215, 0.3334



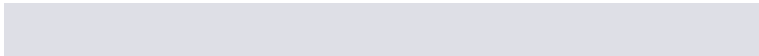
74.1065, 0.3125, 0.3355

Rectangle

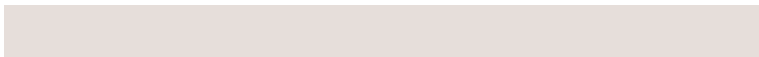
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



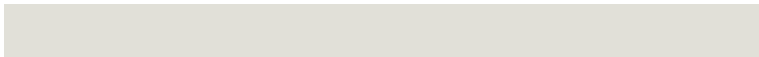
74.1065, 0.3040, 0.3246



74.1065, 0.3072, 0.3213



74.1065, 0.3215, 0.3334



74.1065, 0.3182, 0.3368

Sweetspot

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



74.1096, 0.3040, 0.3246



98.0355, 0.3096, 0.3275



75.8255, 0.3096, 0.3389



21.0043, 0.3098, 0.3275



0.0000, 0.0000, 0.0000



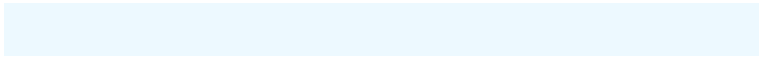
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1096, 0.3040, 0.3246



93.2717, 0.3019, 0.3235



70.7519, 0.3041, 0.3177



15.8337, 0.3010, 0.3231



17.3664, 0.1956, 0.2242



1.4472, 0.2004, 0.2413

Inverse Universe

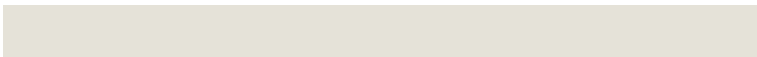
The Inverse Universe completely reimagines the original color for something new.



71.2428, 0.3161, 0.3195



88.7821, 0.3170, 0.3171



76.2512, 0.3213, 0.3401



15.0149, 0.3173, 0.3162



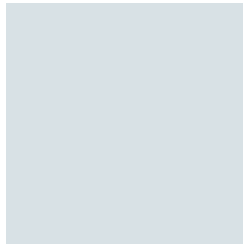
10.9509, 0.4187, 0.2080



0.8258, 0.4010, 0.1982

Previews

White Background



This preview shows how the Yxy color 74.1065, 0.3040, 0.3246 looks on a white background.

Color Contrast Check

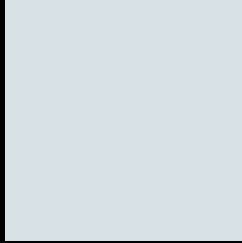
Large Text (above 18pt) WCAG AA × Fail

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 74.1065, 0.3040, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

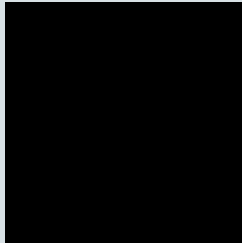
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

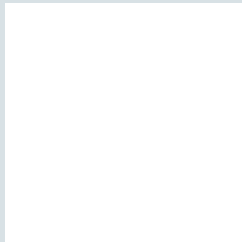
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1065, 0.3040, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 74.1065, 0.3040, 0.3246.

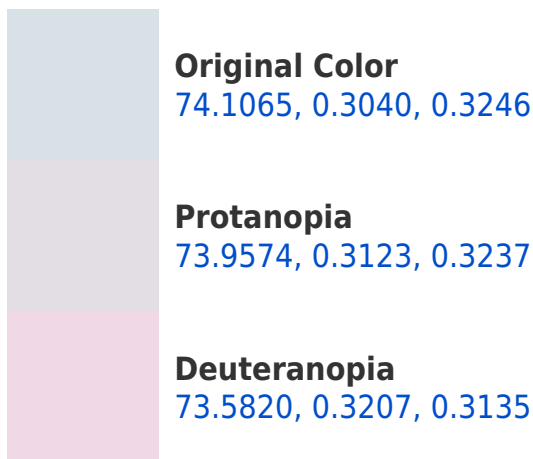


This preview shows how white text looks on a background with the Yxy color 74.1065, 0.3040, 0.3246.

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

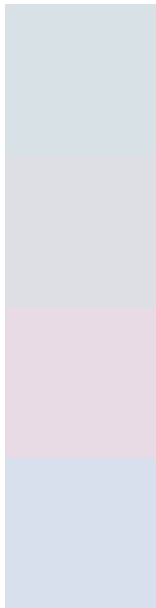




Tritanopia

74.0317, 0.2979, 0.3098

Trichromacy



Original Color

74.1065, 0.3040, 0.3246

Protanomaly

73.9064, 0.3088, 0.3236

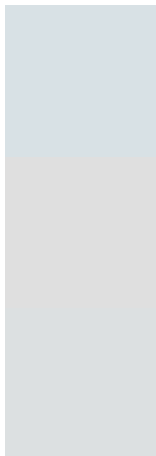
Deuteranomaly

73.5320, 0.3147, 0.3174

Tritanomaly

74.1774, 0.2997, 0.3150

Monochromacy



Original Color

74.1065, 0.3040, 0.3246

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9632, 0.3093, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1065, 0.3040, 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(216, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(216, 225, 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, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.1065, 0.3040, 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(216, 225, 229) }
```

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

```
.border{ border-color:rgb(216, 225, 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, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 225, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 225, 229); box-shadow:4px 4px 4px 4px rgb(216, 225, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1065, 0.3040, 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(216, 225, 229) }
```

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

```
.background{ background-color: rgb(216,  
225, 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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