

Converting Colors

Yxy(74.4448, 0.3062, 0.3268)

Have a look what the booklet for
Yxy(74.4448, 0.3062, 0.3268)
contains.

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Color

Yxy(74.3019, 0.3066, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DAE1E3
RGB	218, 225, 227
RGB Percent	85%, 88%, 89%
CMY	0.1450, 0.1177, 0.1097
CMYK	0.04, 0.01, 0.00, 0.11
HSL	193°, 14%, 87%
HSV	193°, 4%, 89%
XYZ	69.7092, 74.3019, 83.3509
YIQ	223.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

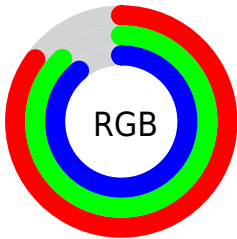
Format	Color
R _Y B	218, 222, 227
Decimal	14344675
CIE Lab	89.06, -1.96, -1.81
CIE LCh	89, 2.667, 222.728
Yxy	74.3019, 0.3066, 0.3268
Android (android.graphics.Color)	4292534755 (0xFFDAE1E3)
YUV	223.1350, 1.9054, -4.5034
Hunter-Lab	86.1985, -6.4936, 3.0077

Details

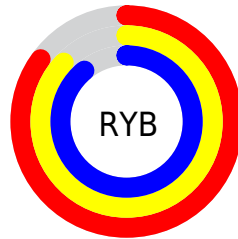
The Yxy color **74.3019, 0.3066, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6016, 0.3191, 0.3312**, and the grayscale version is **73.8858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5145, 0.3048, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **68.3303, 0.2913, 0.3209**, and if you desaturate by 10%, it is **80.8412, 0.3220, 0.3322**.

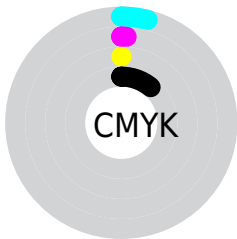
Distribution



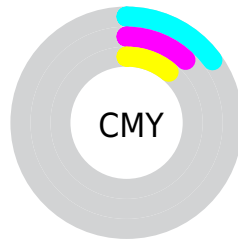
- Red (85%)
- Green (88%)
- Blue (89%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3019, 0.3066, 0.3268 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 74.3019, 0.3066, 0.3268 by changing the saturation by 10% instead.

■ 74.3019, 0.3066,
0.3268

■ 74.3019, 0.3066,
0.3268

475.5147, 0.3094,
0.3278

■ 55.0412, 0.3060,
0.3266

125.3237, 0.3076,
0.3272

■ 39.4347, 0.3052,
0.3263

157.8535, 0.3080,
0.3273

■ 27.0981, 0.3042,
0.3259

195.5752, 0.3083,
0.3274

■ 17.6469, 0.3029,
0.3254

238.8731, 0.3086,
0.3275

■ 10.6968, 0.3011,
0.3247

288.1316, 0.3088,
0.3276

■ 5.8633, 0.2985,
0.3238

343.7351, 0.3090,

■ 2.7621, 0.2945,

0.3277

0.3222

406.0680, 0.3092,
0.3278

■ 1.0089, 0.2873,
0.3194

■ 0.0000, 0.0000,
0.0000

■ 74.3019, 0.3066,
0.3268

■ 74.3019, 0.3066,
0.3268

■ 68.3303, 0.2913,
0.3209

■ 80.8412, 0.3220,
0.3322

■ 62.8969, 0.2762,
0.3144

■ 86.3251, 0.3314,
0.3371

■ 57.9834, 0.2619,
0.3073

■ 89.2841, 0.3308,
0.3421

■ 53.5669, 0.2485,
0.2998

■ 92.3271, 0.3302,
0.3470

■ 49.6224, 0.2365,
0.2920

■ 95.4549, 0.3297,
0.3519

■ 46.1225, 0.2260,
0.2838

■ 98.3269, 0.3291,
0.3562

■ 43.0365, 0.2174,
0.2755

■ 40.3289, 0.2108,
0.2672

■ 37.9568, 0.2061,
0.2590

Harmonies

Analogous

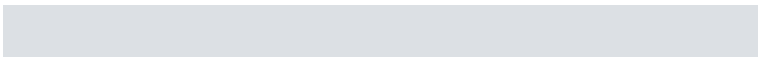
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3019, 0.3079, 0.3296



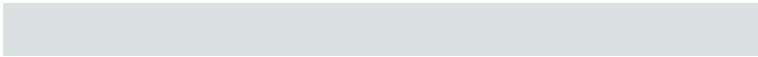
74.3019, 0.3066, 0.3268



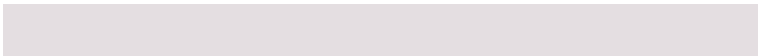
74.3019, 0.3069, 0.3246

Triad

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



74.3019, 0.3066, 0.3268



74.3019, 0.3149, 0.3258



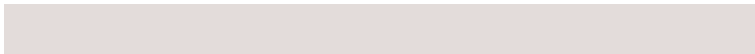
74.3019, 0.3167, 0.3345

Complementary

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



74.3019, 0.3066, 0.3268



72.6016, 0.3191, 0.3312

Split Complementary

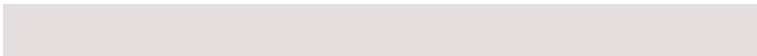
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3019, 0.3186, 0.3334



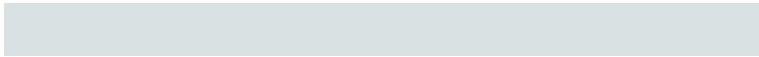
74.3019, 0.3066, 0.3268



74.3019, 0.3175, 0.3284

Square

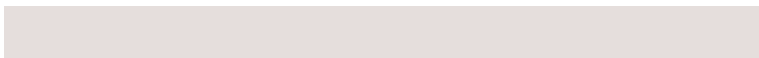
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3019, 0.3066, 0.3268



74.3019, 0.3117, 0.3240



74.3019, 0.3189, 0.3312



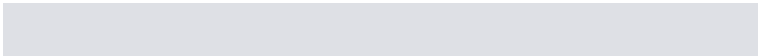
74.3019, 0.3138, 0.3341

Rectangle

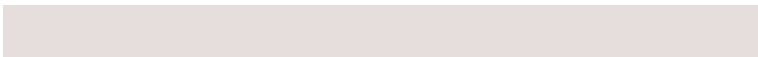
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



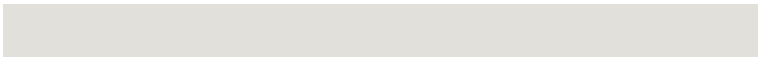
74.3019, 0.3066, 0.3268



74.3019, 0.3080, 0.3237



74.3019, 0.3189, 0.3312



74.3019, 0.3175, 0.3343

Sweetspot

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



74.3051, 0.3066, 0.3268



99.1554, 0.3112, 0.3285



75.0207, 0.3110, 0.3367



21.2322, 0.3112, 0.3285



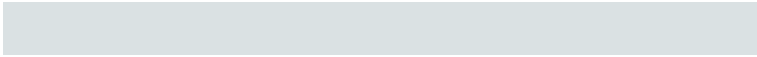
0.0000, 0.0000, 0.0000



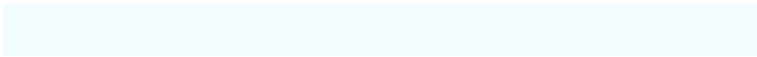
21.4041, 0.3127, 0.3290

Same Dimension

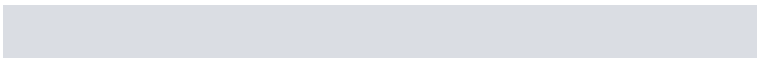
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3051, 0.3066, 0.3268



95.8514, 0.3050, 0.3262



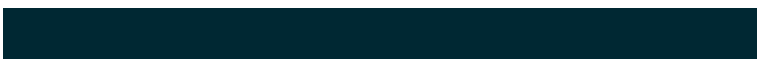
71.9404, 0.3067, 0.3220



16.2681, 0.3040, 0.3258



21.5507, 0.2042, 0.2553



1.7276, 0.2076, 0.2673

Inverse Universe

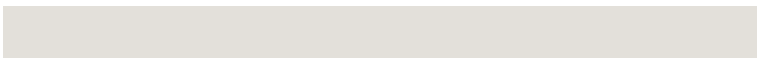
The Inverse Universe completely reimagines the original color for something new.



71.9223, 0.3145, 0.3215



91.9505, 0.3150, 0.3195



74.9589, 0.3187, 0.3359



15.5215, 0.3153, 0.3183



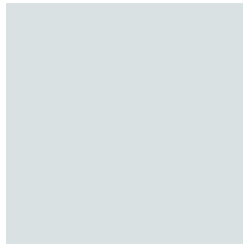
11.3733, 0.3870, 0.1906



0.8541, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 74.3019, 0.3066, 0.3268 looks on a white background.

Color Contrast Check

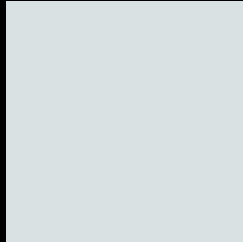
Large Text (above 18pt) WCAG AA × Fail

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 74.3019, 0.3066, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

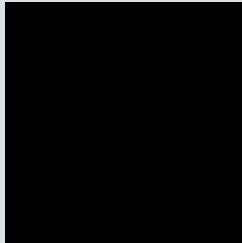
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

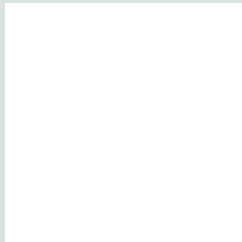
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3019, 0.3066, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 74.3019, 0.3066, 0.3268.

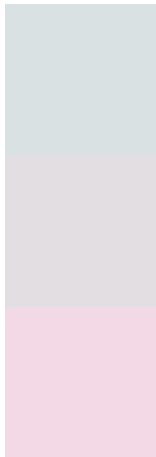


This preview shows how white text looks on a background with the Yxy color 74.3019, 0.3066, 0.3268.

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

74.3019, 0.3066, 0.3268

Protanopia

74.0644, 0.3136, 0.3247

Deuteranopia

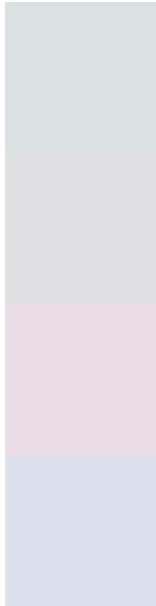
74.3375, 0.3234, 0.3167



Tritanopia

74.3419, 0.2992, 0.3099

Trichromacy



Original Color

74.3019, 0.3066, 0.3268

Protanomaly

74.1136, 0.3115, 0.3258

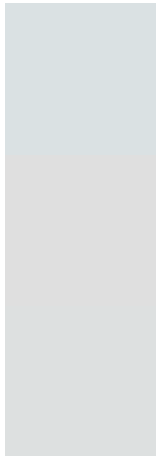
Deuteranomaly

74.2803, 0.3174, 0.3206

Tritanomaly

74.4275, 0.3016, 0.3162

Monochromacy



Original Color

74.3019, 0.3066, 0.3268

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0653, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3019, 0.3066, 0.3268 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(218, 225, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 227)  
}
```

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(218, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.3019, 0.3066, 0.3268 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(218, 225, 227) }
```

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

```
.border{ border-color:rgb(218, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3019, 0.3066, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 227) }
```

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

```
.background{ background-color: rgb(218,  
225, 227) }
```

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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