

Converting Colors

$Yxy(73.4006, 0.3059, 0.3266)$

Have a look what the booklet for
Yxy(73.4006, 0.3059, 0.3266)
contains.

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Color

Yxy(73.4012, 0.3059, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D8E0E2
RGB	216, 224, 226
RGB Percent	85%, 88%, 89%
CMY	0.1528, 0.1216, 0.1137
CMYK	0.04, 0.01, 0.00, 0.11
HSL	192°, 15%, 87%
HSV	192°, 4%, 89%
XYZ	68.7069, 73.4012, 82.4977
YIQ	221.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

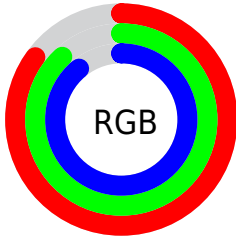
Format	Color
R _{YB}	216, 220, 226
Decimal	14213346
CIE Lab	88.64, -2.29, -1.92
CIE LCh	89, 2.990, 219.911
Yxy	73.4012, 0.3059, 0.3268
Android (android.graphics.Color)	4292403426 (0xFFD8E0E2)
YUV	221.8360, 2.0529, -5.1182
Hunter-Lab	85.6745, -6.7817, 2.8806

Details

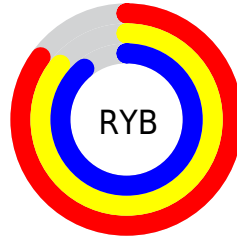
The Yxy color **73.4012, 0.3059, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2847, 0.3198, 0.3312**, and the grayscale version is **72.9174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8933, 0.3039, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **67.7893, 0.2906, 0.3215**, and if you desaturate by 10%, it is **79.5579, 0.3213, 0.3316**.

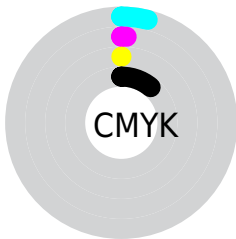
Distribution



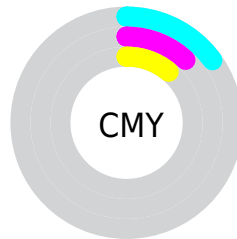
- Red (85%)
- Green (88%)
- Blue (89%)



- Red (85%)
- Yellow (86%)
- 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 73.4012, 0.3059, 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 73.4012, 0.3059, 0.3268 by changing the saturation by 10% instead.

■ 73.4012, 0.3059,
0.3268

■ 73.4012, 0.3059,
0.3268

472.4041, 0.3091,
0.3278

■ 54.3041, 0.3052,
0.3266

124.0466, 0.3070,
0.3272

■ 38.8448, 0.3043,
0.3263

156.3637, 0.3074,
0.3273

■ 26.6390, 0.3032,
0.3259

193.8562, 0.3078,
0.3274

■ 17.3023, 0.3017,
0.3254

236.9085, 0.3081,
0.3275

■ 10.4503, 0.2997,
0.3247

285.9051, 0.3084,
0.3276

■ 5.6985, 0.2968,
0.3237

341.2303, 0.3086,

■ 2.6626, 0.2923,

0.3277

0.3221

403.2685, 0.3089,
0.3278

■ 0.9583, 0.2841,
0.3192

■ 0.0000, 0.0000,
0.0000

■ 73.4012, 0.3059,
0.3268

■ 73.4012, 0.3059,
0.3268

■ 67.7893, 0.2906,
0.3215

■ 79.5579, 0.3213,
0.3316

■ 62.6930, 0.2757,
0.3156

■ 85.0687, 0.3323,
0.3361

■ 58.0945, 0.2616,
0.3094

■ 87.6710, 0.3318,
0.3405

■ 53.9712, 0.2485,
0.3027

■ 90.3398, 0.3313,
0.3449

■ 50.2985, 0.2368,
0.2957

■ 93.0756, 0.3307,
0.3493

■ 47.0495, 0.2268,
0.2884

■ 95.8789, 0.3302,
0.3536

■ 44.1936, 0.2186,
0.2811

■ 98.2710, 0.3298,
0.3572

■ 41.6959, 0.2124,
0.2737

■ 39.5136, 0.2080,
0.2664

Harmonies

Analogous

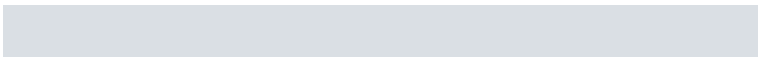
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4012, 0.3076, 0.3300



73.4012, 0.3059, 0.3268



73.4012, 0.3060, 0.3242

Triad

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



73.4012, 0.3059, 0.3268



73.4012, 0.3148, 0.3251



73.4012, 0.3175, 0.3352

Complementary

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



73.4012, 0.3059, 0.3268



71.2847, 0.3198, 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.



73.4012, 0.3194, 0.3338



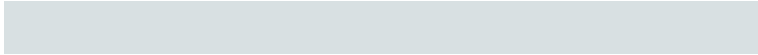
73.4012, 0.3059, 0.3268



73.4012, 0.3179, 0.3280

Square

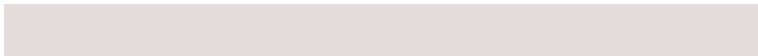
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4012, 0.3059, 0.3268



73.4012, 0.3112, 0.3233



73.4012, 0.3196, 0.3312



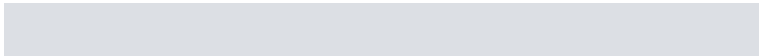
73.4012, 0.3142, 0.3349

Rectangle

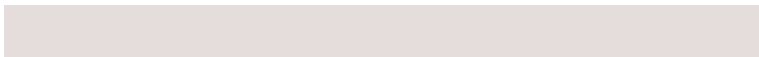
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4012, 0.3059, 0.3268



73.4012, 0.3072, 0.3232



73.4012, 0.3196, 0.3312



73.4012, 0.3183, 0.3349

Sweetspot

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



73.4043, 0.3059, 0.3268



99.1935, 0.3112, 0.3285



74.0589, 0.3109, 0.3377



21.2400, 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.



73.4043, 0.3059, 0.3268



96.0397, 0.3049, 0.3265



70.7658, 0.3060, 0.3213



15.5419, 0.3040, 0.3262



22.0755, 0.2065, 0.2635



1.6503, 0.2097, 0.2747

Inverse Universe

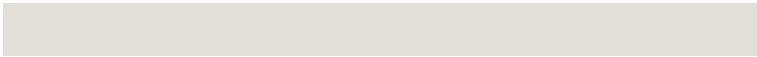
The Inverse Universe completely reimagines the original color for something new.



70.6749, 0.3146, 0.3204



91.9695, 0.3148, 0.3192



73.9077, 0.3194, 0.3365



14.8010, 0.3151, 0.3180



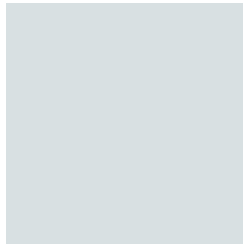
11.1366, 0.3790, 0.1862



0.7840, 0.3684, 0.1803

Previews

White Background



This preview shows how the Yxy color 73.4012, 0.3059, 0.3268 looks on a white background.

Color Contrast Check

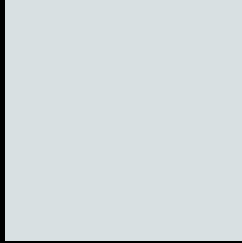
Large Text (above 18pt) WCAG AA × Fail

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 73.4012, 0.3059, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

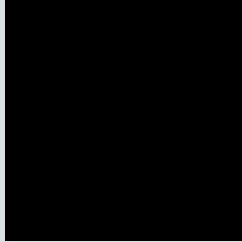
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

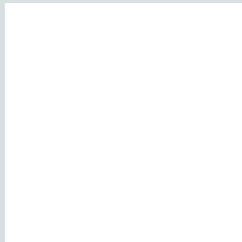
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4012, 0.3059, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 73.4012, 0.3059, 0.3268.

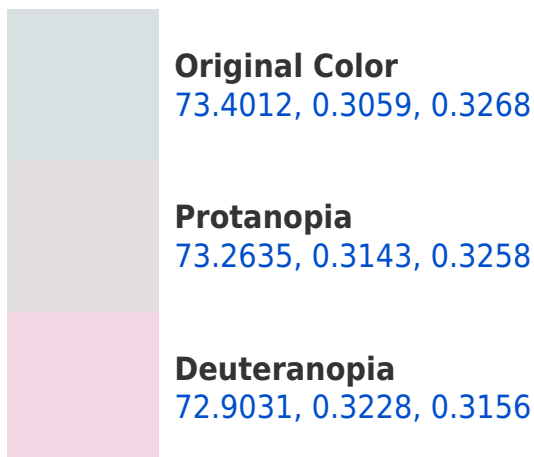


This preview shows how white text looks on a background with the Yxy color 73.4012, 0.3059, 0.3268.

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

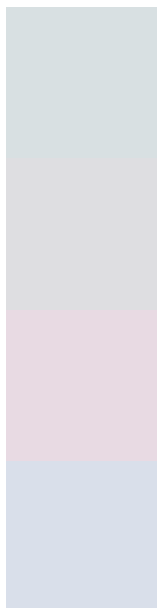




Tritanopia

73.3800, 0.2991, 0.3108

Trichromacy



Original Color

73.4012, 0.3059, 0.3268

Protanomaly

73.2084, 0.3108, 0.3258

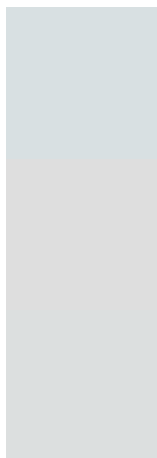
Deuteranomaly

72.8447, 0.3168, 0.3195

Tritanomaly

73.4676, 0.3015, 0.3171

Monochromacy



Original Color

73.4012, 0.3059, 0.3268

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3187, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4012, 0.3059, 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(216, 224, 226) looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.4012, 0.3059, 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(216, 224, 226) }
```

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

```
.border{ border-color:rgb(216, 224, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 224, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 224, 226); box-shadow:4px 4px 4px 4px rgb(216, 224, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4012, 0.3059, 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(216, 224, 226) }
```

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

```
.background{ background-color: rgb(216,  
224, 226) }
```

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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