

Converting Colors

$Yxy(71.1902, 0.3056, 0.3301)$

Have a look what the booklet for
Yxy(71.1902, 0.3056, 0.3301)
contains.

Yxy(71.3119, 0.3057, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.3119, 0.3057, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D3DEDD
RGB	211, 222, 221
RGB Percent	83%, 87%, 87%
CMY	0.1724, 0.1294, 0.1334
CMYK	0.05, 0.00, 0.00, 0.13
HSL	174°, 14%, 85%
HSV	174°, 5%, 87%
XYZ	66.0407, 71.3119, 78.6786
YIQ	218.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

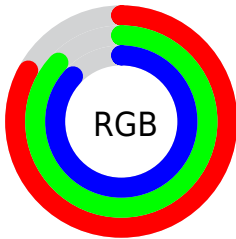
Format	Color
R _Y B	211, 217, 222
Decimal	13885149
CIE Lab	87.64, -3.85, -0.79
CIE LCh	88, 3.933, 191.559
Yxy	71.3119, 0.3057, 0.3301
Android (android.graphics.Color)	4292075229 (0xFFD3DEDD)
YUV	218.5970, 1.1847, -6.6626
Hunter-Lab	84.4464, -8.1864, 3.8721

Details

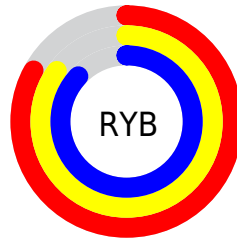
The Yxy color **71.3119, 0.3057, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8889, 0.3202, 0.3279**, and the grayscale version is **70.5437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4585, 0.3036, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **68.1499, 0.2920, 0.3325**, and if you desaturate by 10%, it is **74.9341, 0.3200, 0.3279**.

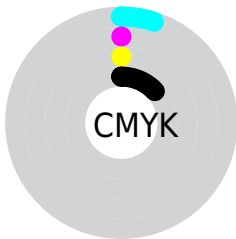
Distribution



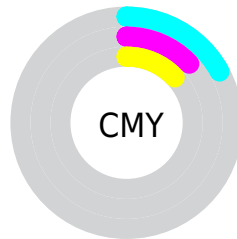
- Red (83%)
- Green (87%)
- Blue (87%)



- Red (83%)
- Yellow (85%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3119, 0.3057, 0.3301 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 71.3119, 0.3057, 0.3301 by changing the saturation by 10% instead.

■ 71.3119, 0.3057,
0.3301

■ 71.3119, 0.3057,
0.3301

465.1430, 0.3090,
0.3296

■ 52.5968, 0.3050,
0.3302

121.0777, 0.3068,
0.3299

■ 37.4810, 0.3040,
0.3303

152.8972, 0.3073,
0.3299

■ 25.5801, 0.3028,
0.3305

189.8536, 0.3077,
0.3298

■ 16.5098, 0.3013,
0.3307

232.3313, 0.3080,
0.3298

■ 9.8856, 0.2992,
0.3311

280.7147, 0.3083,
0.3297

■ 5.3232, 0.2961,
0.3315

335.3882, 0.3085,

■ 2.4381, 0.2912,

0.3297

396.7362, 0.3088,
0.3296

0.3322

0.8454, 0.2804,
0.3341

0.0000, 0.0000,
0.0000

71.3119, 0.3057,
0.3301

71.3119, 0.3057,
0.3301

68.1499, 0.2920,
0.3325

74.9341, 0.3200,
0.3279

65.4207, 0.2791,
0.3351

78.9431, 0.3343,
0.3260


63.1074, 0.2674,
0.3379


79.0558, 0.3329,
0.3239

61.1889, 0.2571,
0.3408


79.1700, 0.3315,
0.3219

 59.6421, 0.2485,
0.3439


 79.2855, 0.3301,
0.3199

 58.4415, 0.2418,
0.3470


 79.4023, 0.3287,
0.3178


 57.5582, 0.2370,
0.3502

 79.5206, 0.3273,
0.3158

 56.9590, 0.2341,
0.3534

 79.6402, 0.3259,
0.3138

 56.6030, 0.2330,
0.3565

 79.7611, 0.3245,
0.3118

Harmonies

Analogous

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



71.3119, 0.3097, 0.3341



71.3119, 0.3057, 0.3301



71.3119, 0.3036, 0.3258

Triad

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



71.3119, 0.3057, 0.3301



71.3119, 0.3109, 0.3215



71.3119, 0.3216, 0.3355

Complementary

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



71.3119, 0.3057, 0.3301



66.8889, 0.3202, 0.3279

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.



71.3119, 0.3219, 0.3321



71.3119, 0.3057, 0.3301



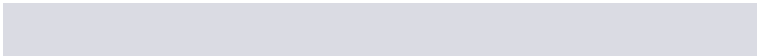
71.3119, 0.3158, 0.3240

Square

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



71.3119, 0.3057, 0.3301



71.3119, 0.3066, 0.3209



71.3119, 0.3198, 0.3279



71.3119, 0.3188, 0.3372

Rectangle

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



71.3119, 0.3057, 0.3301



71.3119, 0.3036, 0.3234



71.3119, 0.3198, 0.3279



71.3119, 0.3220, 0.3345

Sweetspot

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



71.3149, 0.3057, 0.3301



99.5044, 0.3113, 0.3292



70.9626, 0.3129, 0.3412



21.3033, 0.3113, 0.3292



0.0000, 0.0000, 0.0000



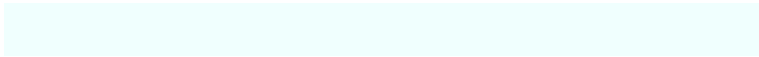
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3149, 0.3057, 0.3301



97.1220, 0.3041, 0.3304



69.0688, 0.3051, 0.3241



15.7545, 0.3034, 0.3305



33.5579, 0.2327, 0.3577



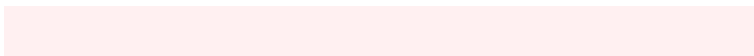
2.3325, 0.2313, 0.3528

Inverse Universe

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



66.8889, 0.3202, 0.3279



89.7614, 0.3220, 0.3277



69.0481, 0.3205, 0.3339



14.4497, 0.3229, 0.3275



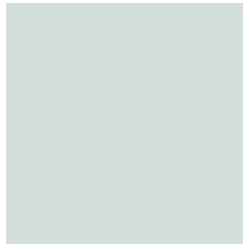
9.2625, 0.6292, 0.3240



0.6492, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 71.3119, 0.3057, 0.3301 looks on a white background.

Color Contrast Check

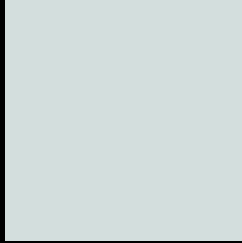
Large Text (above 18pt) WCAG AA × Fail

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 71.3119, 0.3057, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

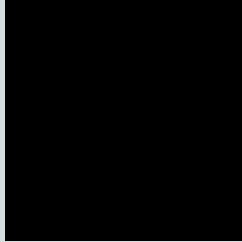
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

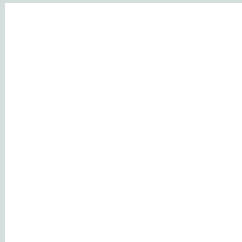
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3119, 0.3057, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 71.3119, 0.3057, 0.3301.

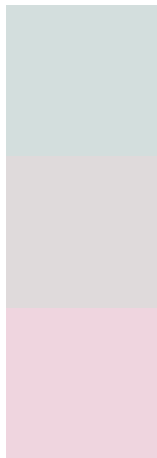


This preview shows how white text looks on a background with the Yxy color 71.3119, 0.3057, 0.3301.

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

71.3119, 0.3057, 0.3301

Protanopia

70.9453, 0.3156, 0.3279

Deuteranopia

71.2669, 0.3250, 0.3186



Tritanopia

71.5970, 0.2976, 0.3106

Trichromacy



Original Color

71.3119, 0.3057, 0.3301

Protanomaly

70.8904, 0.3121, 0.3279

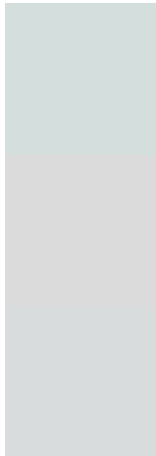
Deuteranomaly

71.0437, 0.3181, 0.3226

Tritanomaly

71.6286, 0.3007, 0.3181

Monochromacy



Original Color

71.3119, 0.3057, 0.3301

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9526, 0.3099, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3119, 0.3057, 0.3301 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(211, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 221)  
}
```

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(211, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 221) }
```

Border

The CSS property to change the border of an element to Yxy 71.3119, 0.3057, 0.3301 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(211, 222, 221) }
```

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

```
.border{ border-color:rgb(211, 222, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3119, 0.3057, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 221) }
```

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

```
.background{ background-color: rgb(211,  
222, 221) }
```

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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