

Converting Colors

$Yxy(70.2901, 0.3043, 0.3301)$

Have a look what the booklet for
Yxy(70.2901, 0.3043, 0.3301)
contains.

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Color

Yxy(70.2901, 0.3043, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D0DDDC
RGB	208, 221, 220
RGB Percent	82%, 87%, 86%
CMY	0.1841, 0.1334, 0.1373
CMYK	0.06, 0.00, 0.00, 0.13
HSL	175°, 16%, 84%
HSV	175°, 6%, 87%
XYZ	64.7964, 70.2901, 77.8493
YIQ	216.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

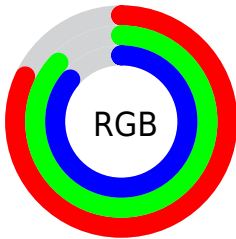
Format	Color
R_{YB}	208, 215, 221
Decimal	13688284
CIE _{Lab}	87.14, -4.51, -1.01
CIE _{LCh}	87, 4.621, 192.661
Yxy	70.2901, 0.3043, 0.3301
Android (android.graphics.Color)	4291878364 (0xFFD0DDDC)
YUV	216.9990, 1.4795, -7.8921
Hunter-Lab	83.8392, -8.7622, 3.6334

Details

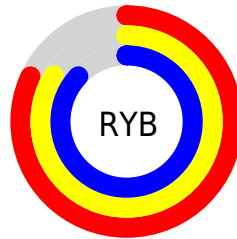
The Yxy color **70.2901, 0.3043, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1163, 0.3218, 0.3279**, and the grayscale version is **69.3872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8591, 0.3026, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **67.2179, 0.2904, 0.3321**, and if you desaturate by 10%, it is **73.8156, 0.3188, 0.3283**.

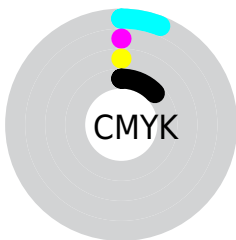
Distribution



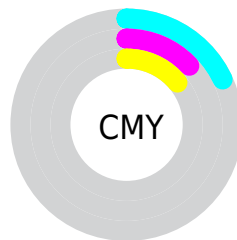
- Red (82%)
- Green (87%)
- Blue (86%)



- Red (82%)
- Yellow (84%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2901, 0.3043, 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 70.2901, 0.3043, 0.3301 by changing the saturation by 10% instead.

■ 70.2901, 0.3043,
0.3301

■ 70.2901, 0.3043,
0.3301

461.5679, 0.3082,
0.3296

■ 51.7631, 0.3034,
0.3302

119.6224, 0.3057,
0.3299

■ 36.8163, 0.3023,
0.3303

151.1964, 0.3062,
0.3299

■ 25.0653, 0.3009,
0.3305

187.8882, 0.3066,
0.3298

■ 16.1257, 0.2990,
0.3307

230.0822, 0.3070,
0.3298

■ 9.6131, 0.2964,
0.3310

278.1628, 0.3074,
0.3297

■ 5.1432, 0.2927,
0.3315

332.5143, 0.3077,

■ 2.3315, 0.2867,

0.3297

393.5213, 0.3080,
0.3296

0.3321

0.7903, 0.2713,
0.3345

0.0000, 0.0000,
0.0000

70.2901, 0.3043,
0.3301

70.2901, 0.3043,
0.3301

67.2179, 0.2904,
0.3321

73.8156, 0.3188,
0.3283

64.5716, 0.2775,
0.3343


77.8026, 0.3336,
0.3266


62.3347, 0.2658,
0.3367


78.4135, 0.3344,
0.3249

60.4859, 0.2555,
0.3392


78.5082, 0.3332,
0.3232


 59.0023, 0.2470,
0.3417


 78.6038, 0.3320,
0.3215

 57.8583, 0.2403,
0.3444

 78.7004, 0.3308,
0.3198


 57.0252, 0.2356,
0.3470

 78.7980, 0.3296,
0.3180

 56.4696, 0.2328,
0.3497

 78.8965, 0.3284,
0.3164

 56.1498, 0.2317,
0.3523

 78.9959, 0.3273,
0.3147

Harmonies

Analogous

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



70.2901, 0.3089, 0.3349



70.2901, 0.3043, 0.3301



70.2901, 0.3019, 0.3251

Triad

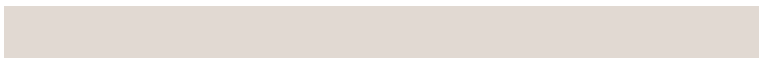
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2901, 0.3043, 0.3301



70.2901, 0.3108, 0.3202



70.2901, 0.3231, 0.3368

Complementary

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



70.2901, 0.3043, 0.3301



65.1163, 0.3218, 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.



70.2901, 0.3236, 0.3328



70.2901, 0.3043, 0.3301



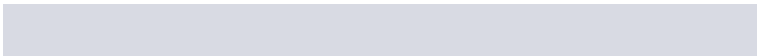
70.2901, 0.3165, 0.3233

Square

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



70.2901, 0.3043, 0.3301



70.2901, 0.3057, 0.3194



70.2901, 0.3212, 0.3279



70.2901, 0.3198, 0.3387

Rectangle

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



70.2901, 0.3043, 0.3301



70.2901, 0.3019, 0.3223



70.2901, 0.3212, 0.3279



70.2901, 0.3236, 0.3356

Sweetspot

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



70.2931, 0.3043, 0.3301



99.0199, 0.3098, 0.3294



69.8403, 0.3128, 0.3436



21.2046, 0.3099, 0.3294



0.0000, 0.0000, 0.0000



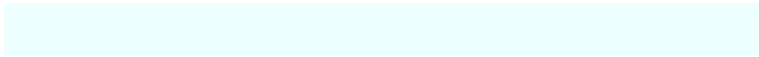
21.4041, 0.3127, 0.3290

Same Dimension

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



70.2931, 0.3043, 0.3301



96.6810, 0.3026, 0.3303



67.5459, 0.3037, 0.3229



14.9395, 0.3019, 0.3304



32.5743, 0.2314, 0.3530



2.1156, 0.2302, 0.3487

Inverse Universe

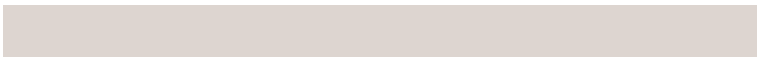
The Inverse Universe completely reimagines the original color for something new.



65.1163, 0.3218, 0.3279



88.1203, 0.3238, 0.3277



67.7407, 0.3220, 0.3350



13.5269, 0.3246, 0.3276



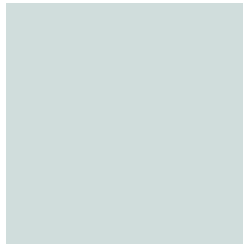
8.9604, 0.6311, 0.3250



0.5864, 0.6061, 0.3112

Previews

White Background



This preview shows how the Yxy color 70.2901, 0.3043, 0.3301 looks on a white background.

Color Contrast Check

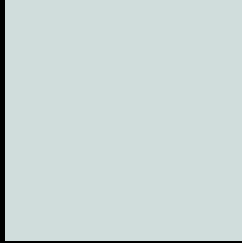
Large Text (above 18pt) WCAG AA × Fail

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 70.2901, 0.3043, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

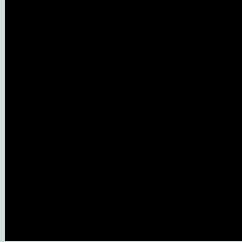
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

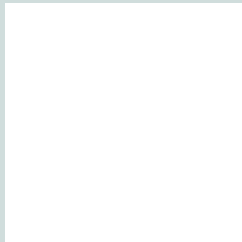
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2901, 0.3043, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 70.2901, 0.3043, 0.3301.

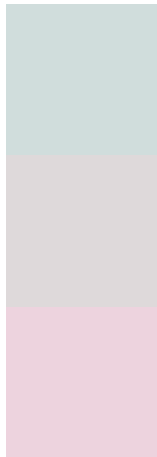


This preview shows how white text looks on a background with the Yxy color 70.2901, 0.3043, 0.3301.

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

70.2901, 0.3043, 0.3301

Protanopia

70.2173, 0.3157, 0.3279

Deuteranopia

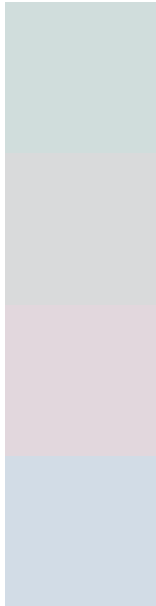
69.8670, 0.3244, 0.3174



Tritanopia

70.5680, 0.2962, 0.3104

Trichromacy



Original Color

70.2901, 0.3043, 0.3301

Protanomaly

70.0090, 0.3113, 0.3279

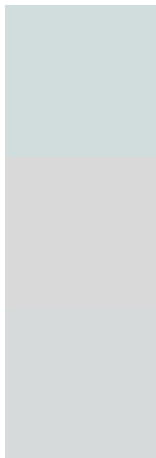
Deuteranomaly

69.9901, 0.3167, 0.3225

Tritanomaly

70.6012, 0.2993, 0.3180

Monochromacy



Original Color

70.2901, 0.3043, 0.3301

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5009, 0.3099, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2901, 0.3043, 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(208, 221, 220)` looks like.

```
.text, #text, p{  
    color:rgb(208, 221, 220)  
}
```

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(208, 221, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 221, 220) }
```

Border

The CSS property to change the border of an element to Yxy 70.2901, 0.3043, 0.3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

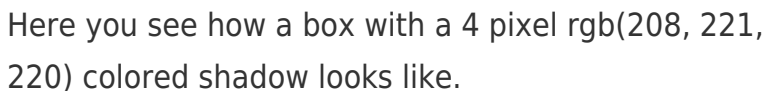
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 221, 220) }
```

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

```
.border{ border-color:rgb(208, 221, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 221, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 221, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 221, 220); box-shadow:4px 4px 4px 4px rgb(208, 221, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2901, 0.3043, 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(208, 221, 220) }
```

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

```
.background{ background-color: rgb(208,  
221, 220) }
```

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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