

Converting Colors

Yxy(70.4550, 0.3041, 0.3290)

Have a look what the booklet for
Yxy(70.4550, 0.3041, 0.3290)
contains.

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Color

Yxy(70.4887, 0.3043, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D1DDDD
RGB	209, 221, 221
RGB Percent	82%, 87%, 87%
CMY	0.1805, 0.1333, 0.1334
CMYK	0.05, 0.00, 0.00, 0.13
HSL	180°, 15%, 84%
HSV	180°, 5%, 87%
XYZ	65.1967, 70.4887, 78.5660
YIQ	217.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

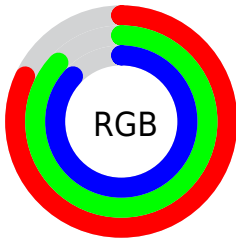
Format	Color
R_{YB}	209, 215, 221
Decimal	13753821
CIE _{Lab}	87.24, -4.02, -1.39
CIE _{LCh}	87, 4.257, 199.096
Yxy	70.4887, 0.3043, 0.3290
Android (android.graphics.Color)	4291943901 (0xFFD1DDDD)
YUV	217.4120, 1.7689, -7.3773
Hunter-Lab	83.9575, -8.3127, 3.2878

Details

The Yxy color **70.4887, 0.3043, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5705, 0.3218, 0.3290**, and the grayscale version is **69.6762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9942, 0.3027, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **67.4863, 0.2894, 0.3290**, and if you desaturate by 10%, it is **73.9442, 0.3199, 0.3290**.

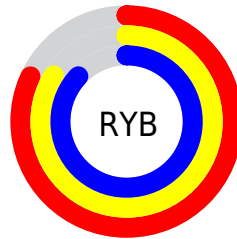
Distribution



Red (82%)

Green (87%)

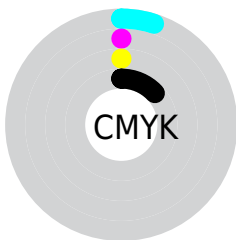
Blue (87%)



Red (82%)

Yellow (84%)

Blue (87%)

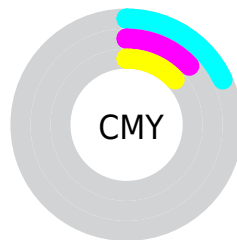


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4887, 0.3043, 0.3290 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 70.4887, 0.3043, 0.3290 by changing the saturation by 10% instead.

■ 70.4887, 0.3043,
0.3290

■ 70.4887, 0.3043,
0.3290

462.2641, 0.3082,
0.3290

■ 51.9250, 0.3034,
0.3290

119.9054, 0.3057,
0.3290

■ 36.9453, 0.3023,
0.3290

151.5273, 0.3062,
0.3290

■ 25.1652, 0.3009,
0.3290

188.2706, 0.3066,
0.3290

■ 16.2002, 0.2990,
0.3289

230.5199, 0.3070,
0.3290

■ 9.6659, 0.2964,
0.3289

278.6595, 0.3074,
0.3290

■ 5.1780, 0.2927,
0.3288

333.0738, 0.3077,

■ 2.3521, 0.2868,

0.3290

0.3286

394.1472, 0.3080,
0.3290

0.8011, 0.2725,
0.3291

0.0000, 0.0000,
0.0000

70.4887, 0.3043,
0.3290

70.4887, 0.3043,
0.3290

67.4863, 0.2894,
0.3290

73.9442, 0.3199,
0.3290

64.9099, 0.2756,
0.3290


77.8611, 0.3359,
0.3290


62.7427, 0.2631,
0.3291

78.2060, 0.3372,
0.3290


60.9638, 0.2521,
0.3291


78.2084, 0.3372,
0.3289


 59.5501, 0.2430,
0.3291

 78.2109, 0.3371,
0.3289


 58.4764, 0.2358,
0.3292

 78.2133, 0.3371,
0.3288


 57.7139, 0.2305,
0.3292

 78.2157, 0.3371,
0.3288

 57.2295, 0.2270,
0.3293

 78.2181, 0.3371,
0.3287

 56.9822, 0.2253,
0.3293

 78.2205, 0.3370,
0.3287

Harmonies

Analogous

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



70.4887, 0.3082, 0.3335



70.4887, 0.3043, 0.3290



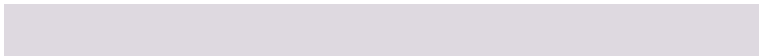
70.4887, 0.3027, 0.3245

Triad

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



70.4887, 0.3043, 0.3290



70.4887, 0.3121, 0.3213



70.4887, 0.3218, 0.3368

Complementary

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



70.4887, 0.3043, 0.3290



65.5705, 0.3218, 0.3290

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.



70.4887, 0.3229, 0.3334



70.4887, 0.3043, 0.3290



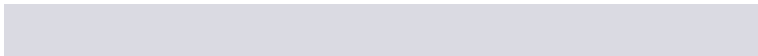
70.4887, 0.3173, 0.3246

Square

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



70.4887, 0.3043, 0.3290



70.4887, 0.3071, 0.3201



70.4887, 0.3212, 0.3290



70.4887, 0.3183, 0.3380

Rectangle

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



70.4887, 0.3043, 0.3290



70.4887, 0.3031, 0.3221



70.4887, 0.3212, 0.3290



70.4887, 0.3225, 0.3358

Sweetspot

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



70.4917, 0.3043, 0.3290



99.0449, 0.3096, 0.3290



69.9038, 0.3122, 0.3426



21.2097, 0.3097, 0.3290



0.0000, 0.0000, 0.0000



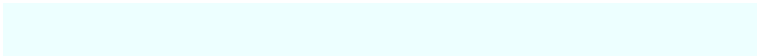
21.4041, 0.3127, 0.3290

Same Dimension

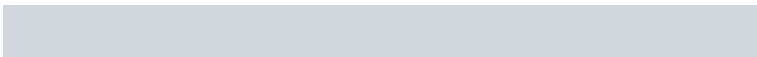
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4917, 0.3043, 0.3290



96.7680, 0.3018, 0.3290



67.4757, 0.3044, 0.3225



14.9539, 0.3011, 0.3290



33.0597, 0.2248, 0.3294



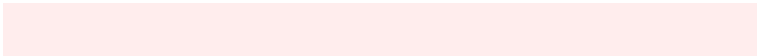
2.1419, 0.2248, 0.3292

Inverse Universe

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



65.5705, 0.3218, 0.3290



88.0406, 0.3247, 0.3290



68.4741, 0.3213, 0.3355



13.5138, 0.3256, 0.3290



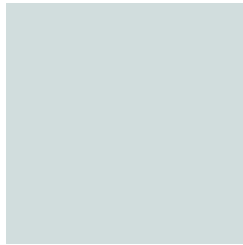
8.9307, 0.6398, 0.3298



0.5787, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 70.4887, 0.3043, 0.3290 looks on a white background.

Color Contrast Check

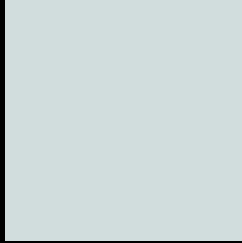
Large Text (above 18pt) WCAG AA × Fail

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 70.4887, 0.3043, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

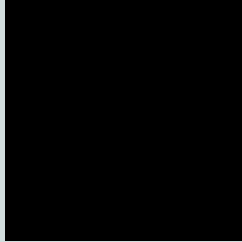
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

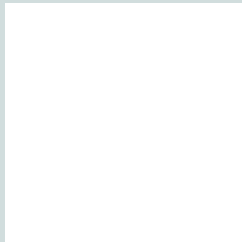
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4887, 0.3043, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 70.4887, 0.3043, 0.3290.

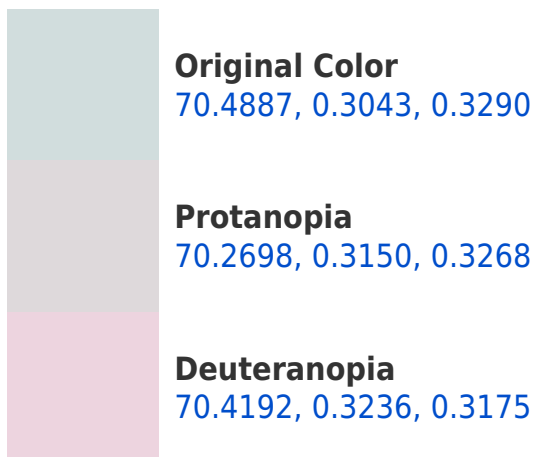


This preview shows how white text looks on a background with the Yxy color 70.4887, 0.3043, 0.3290.

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

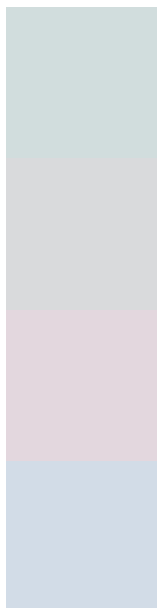




Tritanopia

70.5680, 0.2962, 0.3104

Trichromacy



Original Color

70.4887, 0.3043, 0.3290

Protanomaly

70.0618, 0.3107, 0.3268

Deuteranomaly

70.2057, 0.3167, 0.3215

Tritanomaly

70.6576, 0.2987, 0.3169

Monochromacy



Original Color

70.4887, 0.3043, 0.3290

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 70.4887, 0.3043, 0.3290 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(209, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(209, 221, 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(209, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 221, 221) }
```

Border

The CSS property to change the border of an element to Yxy 70.4887, 0.3043, 0.3290 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(209, 221, 221) }
```

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

```
.border{ border-color:rgb(209, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 221, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 221, 221); box-shadow:4px 4px 4px 4px rgb(209, 221, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4887, 0.3043, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 221, 221) }
```

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

```
.background{ background-color: rgb(209,  
221, 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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