

Converting Colors

$Yxy(70.6367, 0.3064, 0.3287)$

Have a look what the booklet for
Yxy(70.6367, 0.3064, 0.3287)
contains.

Yxy(70.9304, 0.3064, 0.3290)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.9304, 0.3064, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D4DDDD
RGB	212, 221, 221
RGB Percent	83%, 87%, 87%
CMY	0.1686, 0.1333, 0.1334
CMYK	0.04, 0.00, 0.00, 0.13
HSL	180°, 12%, 85%
HSV	180°, 4%, 87%
XYZ	66.0580, 70.9304, 78.6055
YIQ	218.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

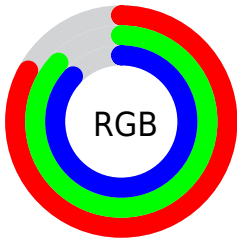
Format	Color
R_{YB}	212, 217, 221
Decimal	13950429
CIE _{Lab}	87.45, -3.02, -1.05
CIE _{LCh}	87, 3.195, 199.220
Yxy	70.9304, 0.3064, 0.3290
Android (android.graphics.Color)	4292140509 (0xFFD4DDDD)
YUV	218.3090, 1.3267, -5.5330
Hunter-Lab	84.2202, -7.3791, 3.6168

Details

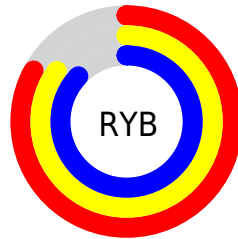
The Yxy color $70.9304, 0.3064, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.2169, 0.3194, 0.3290$, and the grayscale version is $70.3303, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1937, 0.3045, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $67.8680, 0.2914, 0.3290$, and if you desaturate by 10%, it is $74.4484, 0.3221, 0.3290$.

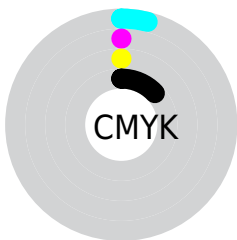
Distribution



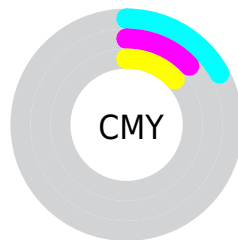
- Red (83%)
- Green (87%)
- Blue (87%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9304, 0.3064, 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 70.9304, 0.3064, 0.3290 by changing the saturation by 10% instead.

■ 70.9304, 0.3064,
0.3290

■ 70.9304, 0.3064,
0.3290

463.8101, 0.3093,
0.3290

■ 52.2854, 0.3057,
0.3290

120.5346, 0.3074,
0.3290

■ 37.2326, 0.3049,
0.3290

152.2626, 0.3078,
0.3290

■ 25.3876, 0.3038,
0.3290

189.1204, 0.3082,
0.3290

■ 16.3661, 0.3024,
0.3290

231.4924, 0.3085,
0.3290

■ 9.7836, 0.3005,
0.3289

279.7630, 0.3087,
0.3290

■ 5.2557, 0.2977,
0.3289

334.3165, 0.3089,

■ 2.3981, 0.2933,

0.3290

395.5374, 0.3092,
0.3290

0.3288

0.8249, 0.2834,
0.3290

0.0000, 0.0000,
0.0000

70.9304, 0.3064,
0.3290

70.9304, 0.3064,
0.3290

67.8680, 0.2914,
0.3290

74.4484, 0.3221,
0.3290

65.2340, 0.2774,
0.3290


78.2007, 0.3372,
0.3290

63.0120, 0.2647,
0.3291

78.2032, 0.3372,
0.3290


61.1812, 0.2535,
0.3291


78.2057, 0.3372,
0.3289


 59.7190, 0.2441,
0.3291

 78.2082, 0.3371,
0.3289


 58.6002, 0.2366,
0.3292


 78.2107, 0.3371,
0.3288


 57.7969, 0.2311,
0.3292

 78.2132, 0.3371,
0.3288

 57.2766, 0.2274,
0.3293

 78.2158, 0.3370,
0.3287

 56.9996, 0.2255,
0.3294

 78.2183, 0.3370,
0.3287

Harmonies

Analogous

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



70.9304, 0.3093, 0.3324



70.9304, 0.3064, 0.3290



70.9304, 0.3052, 0.3256

Triad

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



70.9304, 0.3064, 0.3290



70.9304, 0.3123, 0.3233



70.9304, 0.3195, 0.3348

Complementary

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



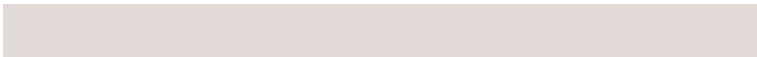
70.9304, 0.3064, 0.3290



67.2169, 0.3194, 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.



70.9304, 0.3203, 0.3323



70.9304, 0.3064, 0.3290



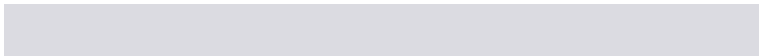
70.9304, 0.3161, 0.3257

Square

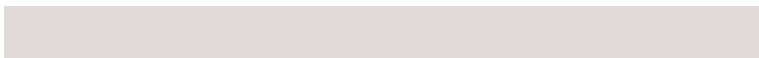
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9304, 0.3064, 0.3290



70.9304, 0.3086, 0.3223



70.9304, 0.3191, 0.3290



70.9304, 0.3169, 0.3358

Rectangle

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



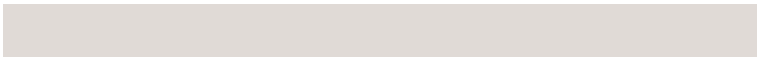
70.9304, 0.3064, 0.3290



70.9304, 0.3055, 0.3239



70.9304, 0.3191, 0.3290



70.9304, 0.3200, 0.3341

Sweetspot

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



70.9334, 0.3064, 0.3290



99.5192, 0.3111, 0.3290



70.4897, 0.3124, 0.3391



21.3063, 0.3112, 0.3290



0.0000, 0.0000, 0.0000



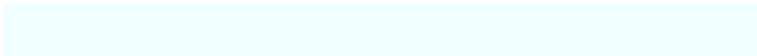
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9334, 0.3064, 0.3290



97.6598, 0.3049, 0.3290



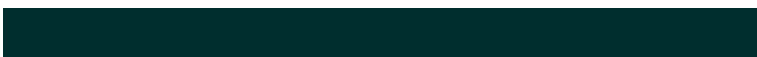
68.6666, 0.3065, 0.3241



15.0821, 0.3040, 0.3290



33.0591, 0.2248, 0.3294



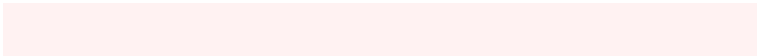
2.1419, 0.2248, 0.3293

Inverse Universe

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



67.2169, 0.3194, 0.3290



91.3407, 0.3211, 0.3290



69.4206, 0.3191, 0.3338



13.9882, 0.3221, 0.3290



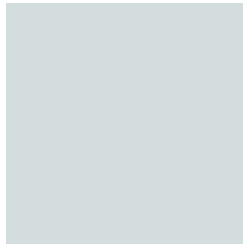
8.9307, 0.6398, 0.3298



0.5787, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 70.9304, 0.3064, 0.3290 looks on a white background.

Color Contrast Check

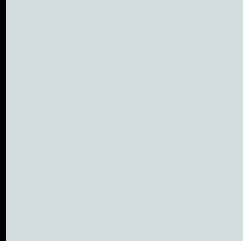
Large Text (above 18pt) WCAG AA × Fail

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 70.9304, 0.3064, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

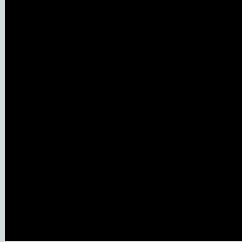
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

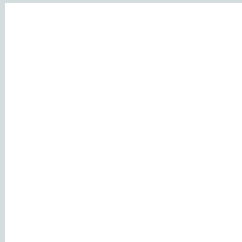
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9304, 0.3064, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 70.9304, 0.3064, 0.3290.

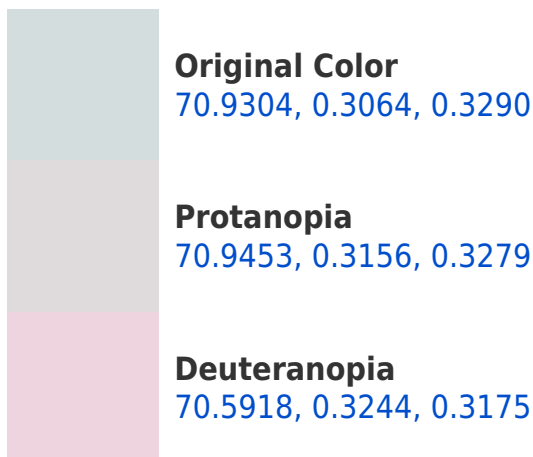


This preview shows how white text looks on a background with the Yxy color 70.9304, 0.3064, 0.3290.

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

71.0153, 0.2982, 0.3105

Trichromacy



Original Color

70.9304, 0.3064, 0.3290

Protanomaly

70.8904, 0.3121, 0.3279

Deuteranomaly

70.5328, 0.3182, 0.3215

Tritanomaly

71.1021, 0.3007, 0.3170

Monochromacy



Original Color

70.9304, 0.3064, 0.3290

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.3764, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9304, 0.3064, 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(212, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 221, 221) }
```

Border

The CSS property to change the border of an element to Yxy 70.9304, 0.3064, 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(212, 221, 221) }
```

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

```
.border{ border-color:rgb(212, 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(212, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(212, 221,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9304, 0.3064, 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(212, 221, 221) }
```

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

```
.background{ background-color: rgb(212,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor