

Converting Colors

$Yxy(69.7250, 0.3122, 0.3392)$

Have a look what the booklet for
Yxy(69.7250, 0.3122, 0.3392)
contains.

Yxy(69.7384, 0.3122, 0.3391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.7384, 0.3122, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCD3
RGB	211, 220, 211
RGB Percent	83%, 86%, 83%
CMY	0.1727, 0.1372, 0.1725
CMYK	0.04, 0.00, 0.04, 0.14
HSL	120°, 11%, 85%
HSV	120°, 4%, 86%
XYZ	64.2062, 69.7384, 71.7127
YIQ	216.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

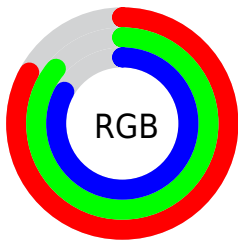
Format	Color
RYB	211, 220, 220
Decimal	13884627
CIELab	86.87, -4.68, 3.35
CIELCh	87, 5.757, 144.430
Yxy	69.7384, 0.3122, 0.3391
Android (android.graphics.Color)	4292074707 (0xFFD3DCD3)
YUV	216.2830, -2.6045, -4.6332
Hunter-Lab	83.5095, -8.9021, 7.5422

Details

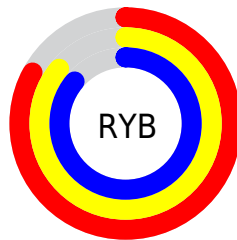
The Yxy color **69.7384, 0.3122, 0.3391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9493, 0.3132, 0.3191**, and the grayscale version is **68.8894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4125, 0.3112, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **65.6891, 0.3108, 0.3661**, and if you desaturate by 10%, it is **74.3875, 0.3134, 0.3156**.

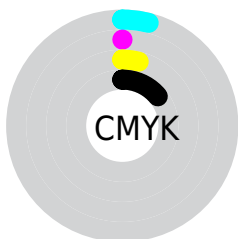
Distribution



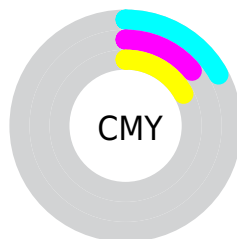
- Red (83%)
- Green (86%)
- Blue (83%)



- Red (83%)
- Yellow (86%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7384, 0.3122, 0.3391 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 69.7384, 0.3122, 0.3391 by changing the saturation by 10% instead.

■ 69.7384, 0.3122,
0.3391

■ 69.7384, 0.3122,
0.3391

459.6309, 0.3125,
0.3344

■ 51.3133, 0.3121,
0.3402

118.8356, 0.3123,
0.3374

■ 36.4580, 0.3121,
0.3416

150.2765, 0.3123,
0.3368

■ 24.7881, 0.3119,
0.3433

186.8248, 0.3124,
0.3363

■ 15.9193, 0.3118,
0.3457

228.8649, 0.3124,
0.3358

■ 9.4670, 0.3116,
0.3489

276.7812, 0.3124,
0.3354

■ 5.0471, 0.3112,
0.3537

330.9580, 0.3124,

■ 2.2749, 0.3106,

0.3350

0.3615

391.7798, 0.3124,
0.3347

0.7604, 0.3100,
0.3874

0.0000, 0.0000,
0.0000

69.7384, 0.3122,
0.3391

69.7384, 0.3122,
0.3391

65.6891, 0.3108,
0.3661

74.3875, 0.3134,
0.3156

62.2066, 0.3093,
0.3965

79.6500, 0.3145,
0.2953

59.2685, 0.3077,
0.4299

79.6754, 0.3143,
0.2950

56.8472, 0.3059,
0.4654

■ 54.9128, 0.3042,
0.5010

■ 53.4325, 0.3027,
0.5345

■ 52.3692, 0.3014,
0.5628

■ 51.6800, 0.3005,
0.5837

■ 51.3130, 0.3001,
0.5958

Harmonies

Analogous

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



69.7384, 0.3192, 0.3413



69.7384, 0.3122, 0.3391



69.7384, 0.3054, 0.3342

Triad

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



69.7384, 0.3122, 0.3391



69.7384, 0.3011, 0.3180



69.7384, 0.3249, 0.3300

Complementary

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



69.7384, 0.3122, 0.3391



66.9493, 0.3132, 0.3191

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.



69.7384, 0.3200, 0.3239



69.7384, 0.3122, 0.3391



69.7384, 0.3062, 0.3170

Square

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



69.7384, 0.3122, 0.3391



69.7384, 0.2991, 0.3219



69.7384, 0.3131, 0.3192



69.7384, 0.3266, 0.3359

Rectangle

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



69.7384, 0.3122, 0.3391



69.7384, 0.3019, 0.3300



69.7384, 0.3131, 0.3192



69.7384, 0.3236, 0.3279

Sweetspot

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



69.7414, 0.3122, 0.3391



99.3575, 0.3126, 0.3314



71.1146, 0.3188, 0.3390



21.2734, 0.3126, 0.3313



0.0000, 0.0000, 0.0000



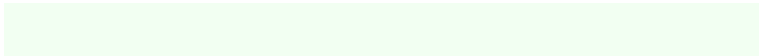
21.4041, 0.3127, 0.3290

Same Dimension

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



69.7414, 0.3122, 0.3391



96.8724, 0.3121, 0.3414



69.9689, 0.3093, 0.3341



14.9458, 0.3120, 0.3430



30.0433, 0.2999, 0.5996



1.9468, 0.2995, 0.5982

Inverse Universe

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



66.9493, 0.3132, 0.3191



92.1278, 0.3133, 0.3169



66.7155, 0.3163, 0.3240



14.1245, 0.3134, 0.3154



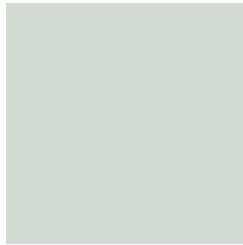
11.9187, 0.3225, 0.1550



0.7726, 0.3223, 0.1549

Previews

White Background



This preview shows how the Yxy color 69.7384, 0.3122, 0.3391 looks on a white background.

Color Contrast Check

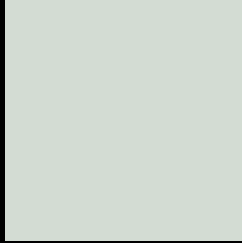
Large Text (above 18pt) WCAG AA × Fail

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 69.7384, 0.3122, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

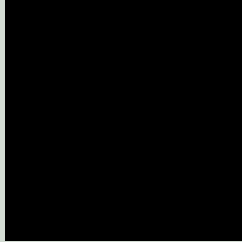
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

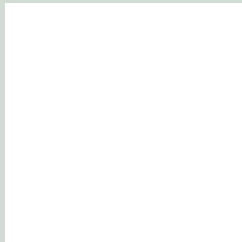
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7384, 0.3122, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 69.7384, 0.3122, 0.3391.



This preview shows how white text looks on a background with the Yxy color 69.7384, 0.3122, 0.3391.

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

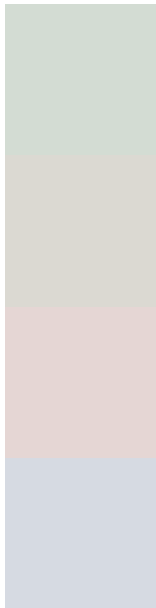




Tritanopia

70.0133, 0.3002, 0.3105

Trichromacy



Original Color

69.7384, 0.3122, 0.3391

Protanomaly

69.3389, 0.3189, 0.3368

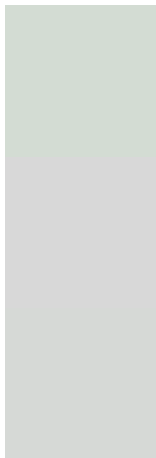
Deuteranomaly

69.5046, 0.3252, 0.3312

Tritanomaly

69.9299, 0.3046, 0.3202

Monochromacy



Original Color

69.7384, 0.3122, 0.3391

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7769, 0.3126, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7384, 0.3122, 0.3391 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, 220, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 211)  
}
```

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, 220, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 211) }
```

Border

The CSS property to change the border of an element to Yxy 69.7384, 0.3122, 0.3391 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, 220, 211) }
```

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

```
.border{ border-color:rgb(211, 220, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7384, 0.3122, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 211) }
```

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

```
.background{ background-color: rgb(211,  
220, 211) }
```

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