

Converting Colors

Yxy(67.5042, 0.3077, 0.3197)

Have a look what the booklet for
Yxy(67.5042, 0.3077, 0.3197)
contains.

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Color

Yxy(67.6632, 0.3073, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	D6D6DE
RGB	214, 214, 222
RGB Percent	84%, 84%, 87%
CMY	0.1609, 0.1607, 0.1293
CMYK	0.04, 0.04, 0.00, 0.13
HSL	240°, 11%, 85%
HSV	240°, 4%, 87%
XYZ	64.9575, 67.6632, 78.7607
YIQ	214.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

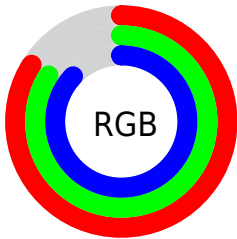
Format	Color
R _Y B	214, 214, 222
Decimal	14079710
CIE Lab	85.84, 1.46, -3.95
CIE LCh	86, 4.214, 290.330
Yxy	67.6632, 0.3073, 0.3201
Android (android.graphics.Color)	4292269790 (0xFFD6D6DE)
YUV	214.9120, 3.4944, -0.7998
Hunter-Lab	82.2576, -2.9923, 0.8109

Details

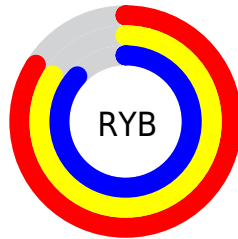
The Yxy color **67.6632, 0.3073, 0.3201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6170, 0.3180, 0.3377**, and the grayscale version is **67.8689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9572, 0.3057, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **54.1260, 0.2910, 0.2933**, and if you desaturate by 10%, it is **83.1748, 0.3216, 0.3435**.

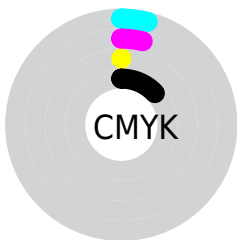
Distribution



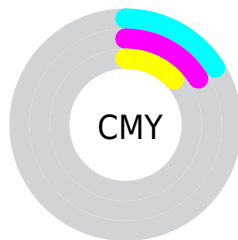
- Red (84%)
- Green (84%)
- Blue (87%)



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



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



- Cyan (16%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6632, 0.3073, 0.3201 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 67.6632, 0.3073, 0.3201 by changing the saturation by 10% instead.

■ 67.6632, 0.3073,
0.3201

■ 67.6632, 0.3073,
0.3201

452.3018, 0.3098,
0.3243

■ 49.6238, 0.3067,
0.3191

115.8702, 0.3082,
0.3216

■ 35.1146, 0.3060,
0.3179

146.8066, 0.3085,
0.3221

■ 23.7511, 0.3050,
0.3164

182.8107, 0.3088,
0.3226

■ 15.1491, 0.3038,
0.3144

224.2670, 0.3091,
0.3230

■ 8.9241, 0.3020,
0.3116

271.5599, 0.3093,
0.3234

■ 4.6917, 0.2995,
0.3075

325.0737, 0.3095,

■ 2.0675, 0.2953,

0.3237

385.1929, 0.3097,
0.3240

0.3010

0.6463, 0.2856,
0.2839

0.0000, 0.0000,
0.0000

67.6632, 0.3073,
0.3201

67.6632, 0.3073,
0.3201

54.1260, 0.2910,
0.2933

83.1748, 0.3216,
0.3435

42.4757, 0.2726,
0.2630

98.0553, 0.3321,
0.3611

32.6312, 0.2524,
0.2298

24.5023, 0.2311,
0.1946

■ 17.9908, 0.2096,
0.1592

■ 12.9886, 0.1895,
0.1259

■ 9.3746, 0.1725,
0.0977

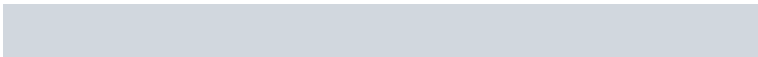
■ 7.0090, 0.1599,
0.0768

■ 5.7228, 0.1526,
0.0645

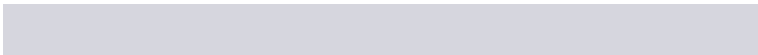
Harmonies

Analogous

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



67.6632, 0.3038, 0.3211



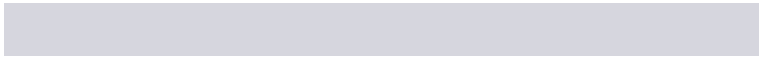
67.6632, 0.3073, 0.3201



67.6632, 0.3123, 0.3214

Triad

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



67.6632, 0.3073, 0.3201



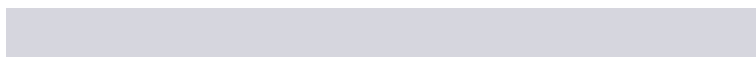
67.6632, 0.3229, 0.3336



67.6632, 0.3080, 0.3334

Complementary

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



67.6632, 0.3073, 0.3201



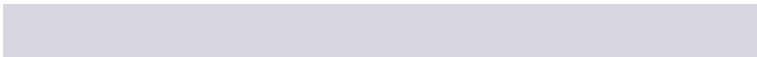
72.6170, 0.3180, 0.3377

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.



67.6632, 0.3131, 0.3368



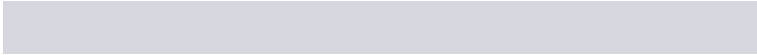
67.6632, 0.3073, 0.3201



67.6632, 0.3217, 0.3369

Square

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



67.6632, 0.3073, 0.3201



67.6632, 0.3214, 0.3291



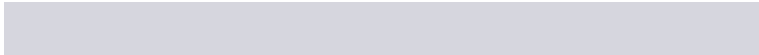
67.6632, 0.3181, 0.3381



67.6632, 0.3042, 0.3288

Rectangle

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



67.6632, 0.3073, 0.3201



67.6632, 0.3158, 0.3234



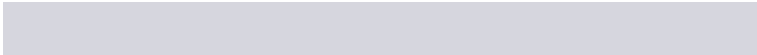
67.6632, 0.3181, 0.3381



67.6632, 0.3096, 0.3347

Sweetspot

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



67.6661, 0.3073, 0.3201



97.9131, 0.3112, 0.3266



71.8150, 0.3072, 0.3291



20.9794, 0.3113, 0.3267



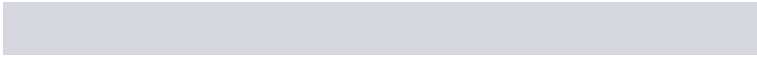
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



67.6661, 0.3073, 0.3201



91.8177, 0.3067, 0.3191



68.2345, 0.3101, 0.3201



14.7119, 0.3056, 0.3173



3.1557, 0.1501, 0.0604



0.2235, 0.1505, 0.0616

Inverse Universe

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



68.4646, 0.3186, 0.3290



93.0280, 0.3193, 0.3290



72.0347, 0.3153, 0.3379



14.9416, 0.3205, 0.3290



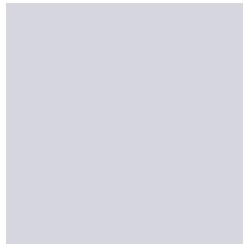
9.2266, 0.6394, 0.3296



0.6400, 0.6374, 0.3285

Previews

White Background



This preview shows how the Yxy color 67.6632, 0.3073, 0.3201 looks on a white background.

Color Contrast Check

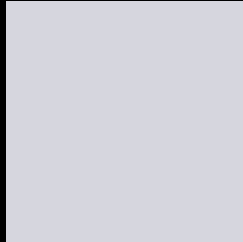
Large Text (above 18pt) WCAG AA × Fail

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 67.6632, 0.3073, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

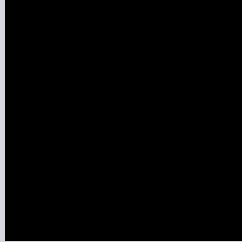
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

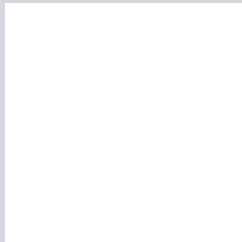
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6632, 0.3073, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 67.6632, 0.3073, 0.3201.

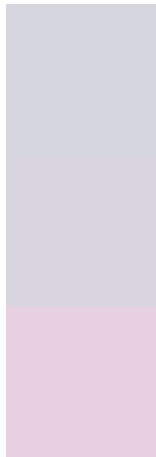


This preview shows how white text looks on a background with the Yxy color 67.6632, 0.3073, 0.3201.

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

67.6632, 0.3073, 0.3201

Protanopia

67.4614, 0.3088, 0.3190

Deuteranopia

67.4284, 0.3195, 0.3130



Tritanopia

67.7487, 0.3028, 0.3103

Trichromacy



Original Color

67.6632, 0.3073, 0.3201

Protanomaly

67.3095, 0.3081, 0.3190

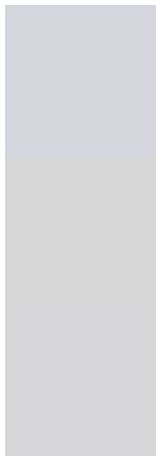
Deuteranomaly

67.4285, 0.3149, 0.3149

Tritanomaly

67.5816, 0.3048, 0.3136

Monochromacy



Original Color

67.6632, 0.3073, 0.3201

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1099, 0.3107, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6632, 0.3073, 0.3201 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(214, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 222)  
}
```

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(214, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 222) }
```

Border

The CSS property to change the border of an element to Yxy 67.6632, 0.3073, 0.3201 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(214, 214, 222) }
```

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

```
.border{ border-color:rgb(214, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6632, 0.3073, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 222) }
```

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

```
.background{ background-color: rgb(214,  
214, 222) }
```

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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