

Converting Colors

$Yxy(67.7801, 0.3038, 0.3231)$

Have a look what the booklet for
Yxy(67.7801, 0.3038, 0.3231)
contains.

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Color

Yxy(67.7421, 0.3037, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	D0D8DD
RGB	208, 216, 221
RGB Percent	82%, 85%, 87%
CMY	0.1843, 0.1529, 0.1334
CMYK	0.06, 0.02, 0.00, 0.13
HSL	203°, 16%, 84%
HSV	203°, 6%, 87%
XYZ	63.6156, 67.7421, 78.1108
YIQ	214.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

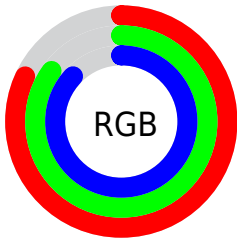
Format	Color
R _Y B	208, 213, 221
Decimal	13687005
CIE Lab	85.88, -1.76, -3.39
CIE LCh	86, 3.818, 242.545
Yxy	67.7421, 0.3037, 0.3234
Android (android.graphics.Color)	4291877085 (0xFFD0D8DD)
YUV	214.1780, 3.3632, -5.4181
Hunter-Lab	82.3056, -6.0687, 1.3457

Details

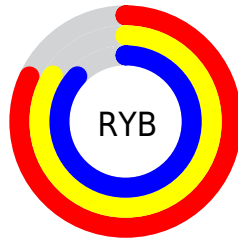
The Yxy color **67.7421, 0.3037, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4918, 0.3221, 0.3345**, and the grayscale version is **67.3517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1129, 0.3018, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **60.5402, 0.2881, 0.3130**, and if you desaturate by 10%, it is **75.6189, 0.3190, 0.3327**.

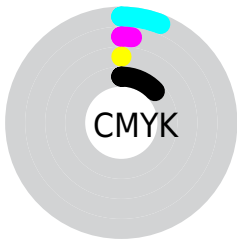
Distribution



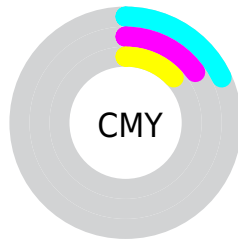
- Red (82%)
- Green (85%)
- Blue (87%)



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



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7421, 0.3037, 0.3234 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 67.7421, 0.3037, 0.3234 by changing the saturation by 10% instead.

■ 67.7421, 0.3037,
0.3234

■ 67.7421, 0.3037,
0.3234

452.5817, 0.3079,
0.3260

■ 49.6880, 0.3027,
0.3228

115.9831, 0.3052,
0.3243

■ 35.1655, 0.3015,
0.3220

146.9388, 0.3057,
0.3247

■ 23.7904, 0.3000,
0.3210

182.9637, 0.3062,
0.3250

■ 15.1782, 0.2979,
0.3197

224.4424, 0.3067,
0.3253

■ 8.9446, 0.2951,
0.3179

271.7591, 0.3070,
0.3255

■ 4.7050, 0.2909,
0.3152

325.2983, 0.3074,

■ 2.0753, 0.2842,

0.3257

0.3108

385.4444, 0.3077,
0.3259

■ 0.6507, 0.2650,
0.2996

■ 0.0000, 0.0000,
0.0000

■ 67.7421, 0.3037,
0.3234

■ 67.7421, 0.3037,
0.3234

■ 60.5402, 0.2881,
0.3130

■ 75.6189, 0.3190,
0.3327

■ 53.9830, 0.2724,
0.3016

■ 84.1826, 0.3337,
0.3410

■ 48.0502, 0.2570,
0.2892

■ 89.6117, 0.3345,
0.3492

■ 42.7174, 0.2422,
0.2758

■ 94.7445, 0.3334,
0.3573

■ 37.9579, 0.2283,
0.2617

■ 97.9991, 0.3328,
0.3621

■ 33.7425, 0.2159,
0.2471

■ 30.0388, 0.2053,
0.2322

■ 26.8094, 0.1967,
0.2173

■ 24.0088, 0.1903,
0.2028

Harmonies

Analogous

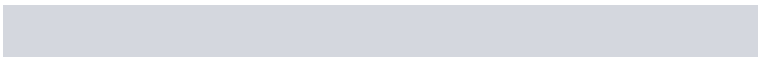
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7421, 0.3041, 0.3271



67.7421, 0.3037, 0.3234



67.7421, 0.3057, 0.3212

Triad

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



67.7421, 0.3037, 0.3234



67.7421, 0.3187, 0.3267



67.7421, 0.3158, 0.3370

Complementary

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



67.7421, 0.3037, 0.3234



67.4918, 0.3221, 0.3345

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.



67.7421, 0.3198, 0.3368



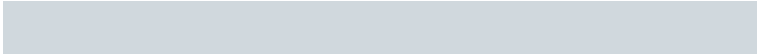
67.7421, 0.3037, 0.3234



67.7421, 0.3214, 0.3308

Square

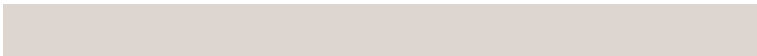
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7421, 0.3037, 0.3234



67.7421, 0.3143, 0.3232



67.7421, 0.3218, 0.3346



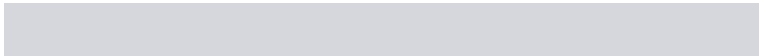
67.7421, 0.3111, 0.3350

Rectangle

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



67.7421, 0.3037, 0.3234



67.7421, 0.3081, 0.3210



67.7421, 0.3218, 0.3346



67.7421, 0.3173, 0.3372

Sweetspot

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



67.7450, 0.3037, 0.3234



97.8068, 0.3096, 0.3271



69.9008, 0.3089, 0.3382



20.9577, 0.3098, 0.3272



0.0000, 0.0000, 0.0000



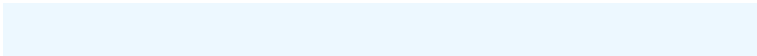
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7450, 0.3037, 0.3234



92.4898, 0.3019, 0.3222



64.5871, 0.3038, 0.3163



14.2465, 0.3011, 0.3217



13.5590, 0.1887, 0.1992



1.0431, 0.1952, 0.2226

Inverse Universe

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



65.4367, 0.3169, 0.3202



88.7031, 0.3177, 0.3183



70.7129, 0.3215, 0.3414



13.6230, 0.3181, 0.3176



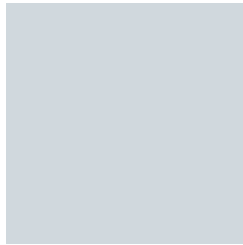
9.9925, 0.4462, 0.2232



0.6640, 0.4204, 0.2090

Previews

White Background



This preview shows how the Yxy color 67.7421, 0.3037, 0.3234 looks on a white background.

Color Contrast Check

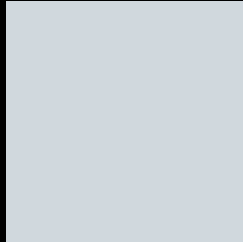
Large Text (above 18pt) WCAG AA × Fail

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 67.7421, 0.3037, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

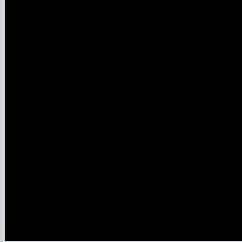
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

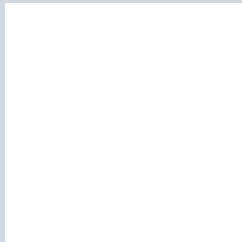
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7421, 0.3037, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 67.7421, 0.3037, 0.3234.

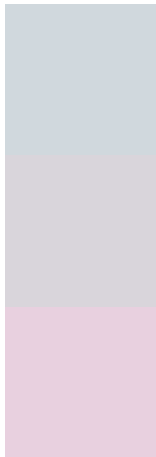


This preview shows how white text looks on a background with the Yxy color 67.7421, 0.3037, 0.3234.

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

67.7421, 0.3037, 0.3234

Protanopia

67.4547, 0.3116, 0.3224

Deuteranopia

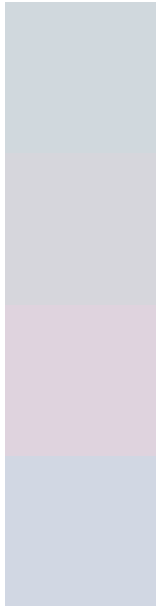
67.5953, 0.3202, 0.3130



Tritanopia

67.5643, 0.2986, 0.3102

Trichromacy



Original Color

67.7421, 0.3037, 0.3234

Protanomaly

67.5566, 0.3087, 0.3223

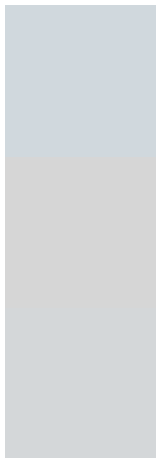
Deuteranomaly

67.5504, 0.3140, 0.3170

Tritanomaly

67.7022, 0.3005, 0.3156

Monochromacy



Original Color

67.7421, 0.3037, 0.3234

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6077, 0.3092, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7421, 0.3037, 0.3234 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, 216, 221)` looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 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(208, 216, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 221) }
```

Border

The CSS property to change the border of an element to Yxy 67.7421, 0.3037, 0.3234 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, 216, 221) }
```

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

```
.border{ border-color:rgb(208, 216, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 216, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7421, 0.3037, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 221) }
```

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

```
.background{ background-color: rgb(208,  
216, 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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