

Converting Colors

$Yxy(67.6962, 0.3111, 0.3205)$

Have a look what the booklet for
Yxy(67.6962, 0.3111, 0.3205)
contains.

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Color

Yxy(67.7144, 0.3109, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	DAD5DD
RGB	218, 213, 221
RGB Percent	85%, 84%, 87%
CMY	0.1453, 0.1646, 0.1333
CMYK	0.01, 0.04, 0.00, 0.13
HSL	277°, 11%, 85%
HSV	277°, 4%, 87%
XYZ	65.7477, 67.7144, 78.0132
YIQ	215.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

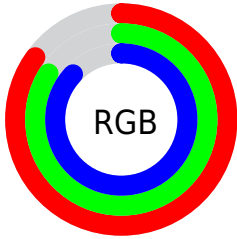
Format	Color
R _Y B	218, 213, 221
Decimal	14341597
CIE Lab	85.86, 3.13, -3.34
CIE LCh	86, 4.577, 313.180
Yxy	67.7144, 0.3109, 0.3202
Android (android.graphics.Color)	4292531677 (0xFFDAD5DD)
YUV	215.4070, 2.7573, 2.2741
Hunter-Lab	82.2888, -1.3861, 1.3927

Details

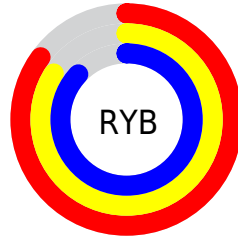
The Yxy color `67.7144, 0.3109, 0.3202` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71.1304, 0.3145, 0.3378`, and the grayscale version is `68.2235, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `34.9934, 0.3104, 0.3174` is the 20% darker color. If you saturate the color by 10%, you get `56.0753, 0.3052, 0.2946`, and if you desaturate by 10%, it is `80.9409, 0.3156, 0.3439`.

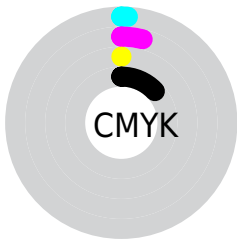
Distribution



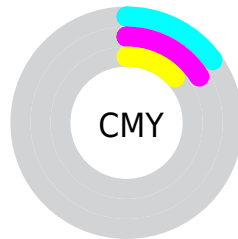
- Red (85%)
- Green (84%)
- Blue (87%)



- Red (85%)
- Yellow (84%)
- Blue (87%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7144, 0.3109, 0.3202 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 67.7144, 0.3109, 0.3202 by changing the saturation by 10% instead.

■ 67.7144, 0.3109,
0.3202

■ 67.7144, 0.3109,
0.3202

452.4835, 0.3118,
0.3243

■ 49.6654, 0.3107,
0.3193

115.9435, 0.3112,
0.3216

■ 35.1476, 0.3104,
0.3181

146.8924, 0.3113,
0.3222

■ 23.7766, 0.3101,
0.3166

182.9100, 0.3114,
0.3227

■ 15.1680, 0.3097,
0.3146

224.3808, 0.3115,
0.3231

■ 8.9374, 0.3091,
0.3119

271.6892, 0.3116,
0.3234

■ 4.7004, 0.3082,
0.3079

325.2195, 0.3117,

■ 2.0725, 0.3066,

0.3238

0.3015

385.3561, 0.3117,
0.3241

0.6491, 0.3038,
0.2844

0.0000, 0.0000,
0.0000

67.7144, 0.3109,
0.3202

67.7144, 0.3109,
0.3202

56.0753, 0.3052,
0.2946

80.9409, 0.3156,
0.3439

45.9529, 0.2986,
0.2674

94.3788, 0.3198,
0.3635

37.2842, 0.2909,
0.2393

95.8511, 0.3252,
0.3629

29.9984, 0.2822,
0.2109

97.3927, 0.3306,
0.3623

■ 24.0184, 0.2727,
0.1835

■ 98.0007, 0.3327,
0.3621

■ 19.2594, 0.2625,
0.1583

■ 15.6264, 0.2521,
0.1366

■ 13.0096, 0.2418,
0.1195

■ 11.2764, 0.2320,
0.1075

Harmonies

Analogous

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



67.7144, 0.3057, 0.3194



67.7144, 0.3109, 0.3202



67.7144, 0.3166, 0.3233

Triad

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



67.7144, 0.3109, 0.3202



67.7144, 0.3231, 0.3369



67.7144, 0.3042, 0.3300

Complementary

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



67.7144, 0.3109, 0.3202



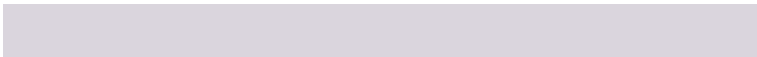
71.1304, 0.3145, 0.3378

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.



67.7144, 0.3088, 0.3348



67.7144, 0.3109, 0.3202



67.7144, 0.3197, 0.3388

Square

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



67.7144, 0.3109, 0.3202



67.7144, 0.3237, 0.3329



67.7144, 0.3145, 0.3380



67.7144, 0.3019, 0.3250

Rectangle

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



67.7144, 0.3109, 0.3202



67.7144, 0.3199, 0.3263



67.7144, 0.3145, 0.3380



67.7144, 0.3055, 0.3317

Sweetspot

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



67.7173, 0.3109, 0.3202



98.1992, 0.3122, 0.3266



68.5231, 0.3072, 0.3235



21.0377, 0.3122, 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.



67.7173, 0.3109, 0.3202



92.9313, 0.3107, 0.3192



68.1428, 0.3138, 0.3213



14.2127, 0.3103, 0.3175



6.1626, 0.2275, 0.1027



0.4482, 0.2426, 0.1110

Inverse Universe

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



67.9334, 0.3165, 0.3257



93.2648, 0.3170, 0.3253



70.7168, 0.3117, 0.3368



14.2731, 0.3177, 0.3246



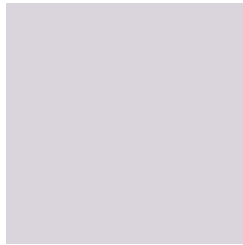
9.3272, 0.5438, 0.2769



0.6208, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 67.7144, 0.3109, 0.3202 looks on a white background.

Color Contrast Check

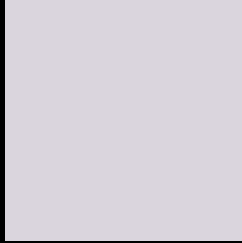
Large Text (above 18pt) WCAG AA × Fail

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 67.7144, 0.3109, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

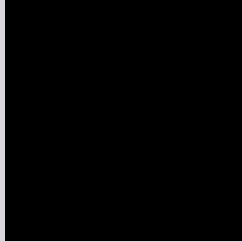
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

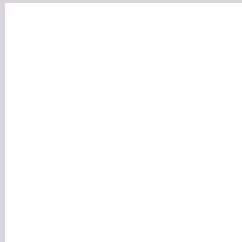
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7144, 0.3109, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 67.7144, 0.3109, 0.3202.

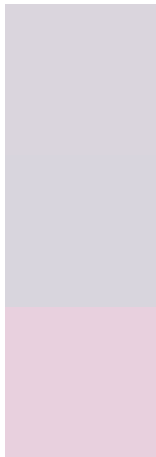


This preview shows how white text looks on a background with the Yxy color 67.7144, 0.3109, 0.3202.

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

67.7144, 0.3109, 0.3202

Protanopia

67.4079, 0.3095, 0.3201

Deuteranopia

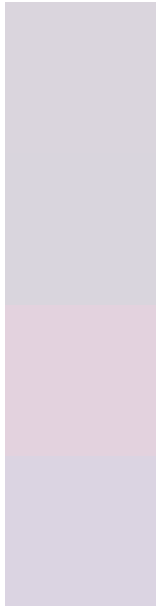
67.5415, 0.3209, 0.3140



Tritanopia

67.8042, 0.3063, 0.3105

Trichromacy



Original Color

67.7144, 0.3109, 0.3202

Protanomaly

67.5607, 0.3102, 0.3202

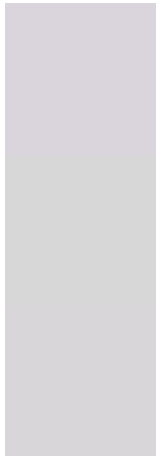
Deuteranomaly

67.6980, 0.3170, 0.3160

Tritanomaly

67.6380, 0.3083, 0.3137

Monochromacy



Original Color

67.7144, 0.3109, 0.3202

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7018, 0.3121, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7144, 0.3109, 0.3202 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(218, 213, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 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(218, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 221) }
```

Border

The CSS property to change the border of an element to Yxy 67.7144, 0.3109, 0.3202 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(218, 213, 221) }
```

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

```
.border{ border-color:rgb(218, 213, 221) }
```

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

Here you see how a box with a 4 pixel rgb(218, 213, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7144, 0.3109, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 221) }
```

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

```
.background{ background-color: rgb(218,  
213, 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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