

Converting Colors

Yxy(67.3108, 0.3098, 0.3211)

Have a look what the booklet for
Yxy(67.3108, 0.3098, 0.3211)
contains.

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Color

Yxy(67.3547, 0.3102, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	D8D5DC
RGB	216, 213, 220
RGB Percent	85%, 84%, 86%
CMY	0.1527, 0.1648, 0.1372
CMYK	0.02, 0.03, 0.00, 0.14
HSL	266°, 9%, 85%
HSV	266°, 3%, 86%
XYZ	65.0480, 67.3547, 77.2943
YIQ	214.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

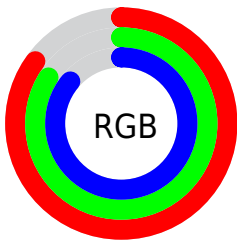
Format	Color
RYB	216, 213, 220
Decimal	14210524
CIELab	85.68, 2.34, -3.10
CIELCh	86, 3.880, 307.029
Yxy	67.3547, 0.3102, 0.3212
Android (android.graphics.Color)	4292400604 (0xFFD8D5DC)
YUV	214.6950, 2.6154, 1.1445
Hunter-Lab	82.0699, -2.1445, 1.6090

Details

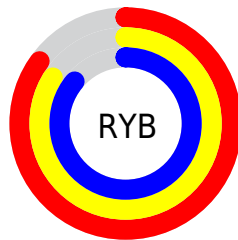
The Yxy color **67.3547, 0.3102, 0.3212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7407, 0.3152, 0.3368**, and the grayscale version is **67.7285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7474, 0.3093, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **55.2192, 0.3015, 0.2953**, and if you desaturate by 10%, it is **81.1388, 0.3176, 0.3448**.

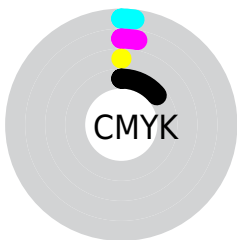
Distribution



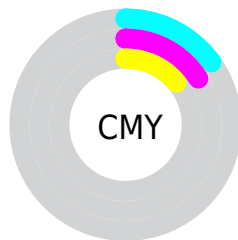
- Red (85%)
- Green (84%)
- Blue (86%)



- Red (85%)
- Yellow (84%)
- Blue (86%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3547, 0.3102, 0.3212 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 67.3547, 0.3102, 0.3212 by changing the saturation by 10% instead.

■ 67.3547, 0.3102,
0.3212

■ 67.3547, 0.3102,
0.3212

451.2063, 0.3114,
0.3249

■ 49.3729, 0.3099,
0.3204

115.4285, 0.3106,
0.3225

■ 34.9154, 0.3096,
0.3193

146.2894, 0.3108,
0.3230

■ 23.5977, 0.3091,
0.3180

182.2120, 0.3109,
0.3234

■ 15.0355, 0.3085,
0.3162

223.5809, 0.3110,
0.3238

■ 8.8443, 0.3077,
0.3138

270.7803, 0.3111,
0.3241

■ 4.6398, 0.3065,
0.3102

324.1948, 0.3112,

■ 2.0375, 0.3045,

0.3244

0.3044

384.2086, 0.3113,
0.3246

■ 0.6291, 0.2997,
0.2878

■ 0.0000, 0.0000,
0.0000

■ 67.3547, 0.3102,
0.3212

■ 67.3547, 0.3102,
0.3212

■ 55.2192, 0.3015,
0.2953

■ 81.1388, 0.3176,
0.3448

■ 44.6606, 0.2913,
0.2672

■ 95.3486, 0.3241,
0.3641

■ 35.6145, 0.2797,
0.2375

■ 97.5935, 0.3321,
0.3632

■ 28.0086, 0.2668,
0.2069

■ 97.9483, 0.3333,
0.3631

■ 21.7647, 0.2529,
0.1767

■ 16.7968, 0.2383,
0.1482

■ 13.0086, 0.2237,
0.1232

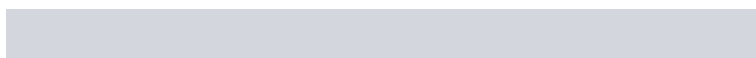
■ 10.2898, 0.2099,
0.1031

■ 8.5071, 0.1974,
0.0888

Harmonies

Analogous

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



67.3547, 0.3060, 0.3210



67.3547, 0.3102, 0.3212



67.3547, 0.3151, 0.3235

Triad

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



67.3547, 0.3102, 0.3212



67.3547, 0.3218, 0.3351



67.3547, 0.3062, 0.3308

Complementary

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



67.3547, 0.3102, 0.3212



70.7407, 0.3152, 0.3368

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.



67.3547, 0.3104, 0.3346



67.3547, 0.3102, 0.3212



67.3547, 0.3194, 0.3372

Square

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



67.3547, 0.3102, 0.3212



67.3547, 0.3218, 0.3315



67.3547, 0.3152, 0.3370



67.3547, 0.3037, 0.3264

Rectangle

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



67.3547, 0.3102, 0.3212



67.3547, 0.3180, 0.3259



67.3547, 0.3152, 0.3370



67.3547, 0.3074, 0.3322

Sweetspot

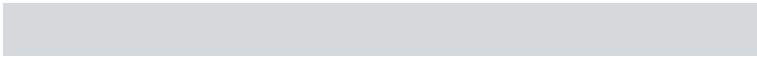
The Sweet Spot groups the original color and five complimentary colors.



67.3576, 0.3102, 0.3212



98.1133, 0.3119, 0.3266



68.9219, 0.3078, 0.3256



21.0202, 0.3120, 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.



67.3576, 0.3102, 0.3212



92.5941, 0.3095, 0.3191



67.8936, 0.3127, 0.3213



14.1519, 0.3090, 0.3174



4.5718, 0.1914, 0.0828



0.3466, 0.2098, 0.0929

Inverse Universe

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



67.8046, 0.3152, 0.3247



93.3790, 0.3159, 0.3235



70.2131, 0.3127, 0.3368



14.2937, 0.3164, 0.3226



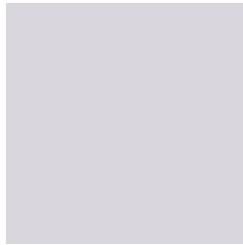
9.7993, 0.4692, 0.2358



0.6521, 0.4385, 0.2189

Previews

White Background



This preview shows how the Yxy color 67.3547, 0.3102, 0.3212 looks on a white background.

Color Contrast Check

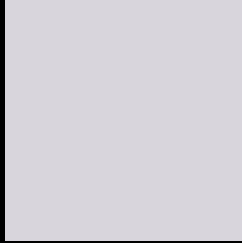
Large Text (above 18pt) WCAG AA × Fail

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 67.3547, 0.3102, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

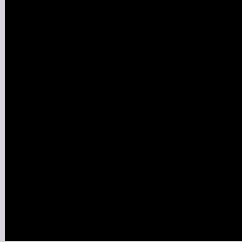
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

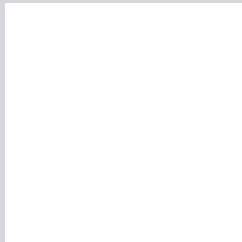
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3547, 0.3102, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 67.3547, 0.3102, 0.3212.

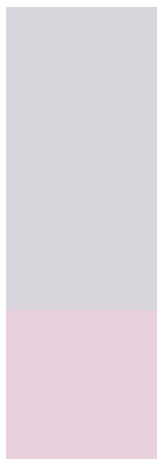


This preview shows how white text looks on a background with the Yxy color 67.3547, 0.3102, 0.3212.

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

67.3547, 0.3102, 0.3212

Protanopia

67.3547, 0.3102, 0.3212

Deuteranopia

67.4880, 0.3216, 0.3151



Tritanopia

67.4401, 0.3056, 0.3115

Trichromacy



Original Color

67.3547, 0.3102, 0.3212

Protanomaly

67.3547, 0.3102, 0.3212

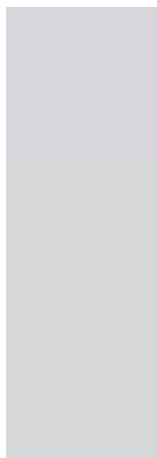
Deuteranomaly

67.4824, 0.3170, 0.3171

Tritanomaly

67.2749, 0.3076, 0.3147

Monochromacy



Original Color

67.3547, 0.3102, 0.3212

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5500, 0.3114, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3547, 0.3102, 0.3212 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(216, 213, 220)` looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 220)  
}
```

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(216, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.3547, 0.3102, 0.3212 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(216, 213, 220) }
```

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

```
.border{ border-color:rgb(216, 213, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 213, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 213, 220); box-shadow:4px 4px 4px 4px rgb(216, 213, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3547, 0.3102, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 220) }
```

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

```
.background{ background-color: rgb(216,  
213, 220) }
```

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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