

Converting Colors

$Yxy(67.8745, 0.3139, 0.3238)$

Have a look what the booklet for
Yxy(67.8745, 0.3139, 0.3238)
contains.

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Color

Yxy(67.7105, 0.3137, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5DA
RGB	219, 213, 218
RGB Percent	86%, 84%, 85%
CMY	0.1412, 0.1647, 0.1451
CMYK	0.00, 0.03, 0.00, 0.14
HSL	310°, 8%, 85%
HSV	310°, 3%, 86%
XYZ	65.6593, 67.7105, 75.9362
YIQ	215.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

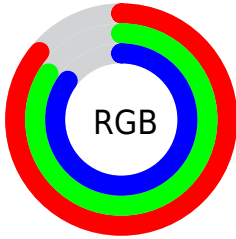
Format	Color
R _Y B	219, 213, 218
Decimal	14407130
CIE Lab	85.86, 2.94, -1.74
CIE LCh	86, 3.417, 329.424
Yxy	67.7105, 0.3137, 0.3235
Android (android.graphics.Color)	4292597210 (0xFFD5DA)
YUV	215.3640, 1.2995, 3.1888
Hunter-Lab	82.2864, -1.5695, 2.8860

Details

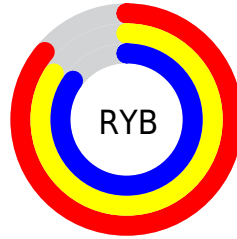
The Yxy color **67.7105, 0.3137, 0.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6596, 0.3117, 0.3346**, and the grayscale version is **68.2051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9906, 0.3140, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **57.2422, 0.3177, 0.3028**, and if you desaturate by 10%, it is **79.6763, 0.3103, 0.3432**.

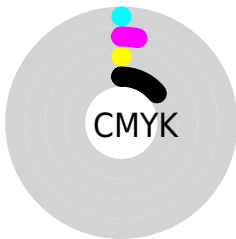
Distribution



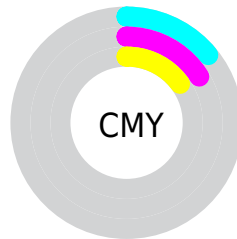
- Red (86%)
- Green (84%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7105, 0.3137, 0.3235 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 67.7105, 0.3137, 0.3235 by changing the saturation by 10% instead.

■ 67.7105, 0.3137,
0.3235

■ 67.7105, 0.3137,
0.3235

452.4696, 0.3132,
0.3261

■ 49.6623, 0.3138,
0.3229

115.9379, 0.3135,
0.3244

■ 35.1451, 0.3139,
0.3222

146.8858, 0.3135,
0.3247

■ 23.7747, 0.3141,
0.3212

182.9024, 0.3134,
0.3250

■ 15.1666, 0.3143,
0.3200

224.3721, 0.3134,
0.3253

■ 8.9364, 0.3146,
0.3183

271.6793, 0.3133,
0.3255

■ 4.6997, 0.3150,
0.3157

325.2084, 0.3133,

■ 2.0722, 0.3157,

0.3257

385.3437, 0.3133,
0.3259

0.3117

0.6489, 0.3180,
0.2996

0.0000, 0.0000,
0.0000

67.7105, 0.3137,
0.3235

67.7105, 0.3137,
0.3235

57.2422, 0.3177,
0.3028

79.6763, 0.3103,
0.3432

48.2034, 0.3222,
0.2815

92.0283, 0.3074,
0.3600

40.5339, 0.3273,
0.2603

92.2287, 0.3054,
0.3561

34.1658, 0.3329,
0.2398

92.4333, 0.3034,
0.3523

■ 29.0253, 0.3389,
0.2210

■ 92.6421, 0.3014,
0.3484

■ 25.0315, 0.3453,
0.2048

■ 92.8553, 0.2994,
0.3446

■ 22.0933, 0.3517,
0.1924

■ 93.0728, 0.2974,
0.3408

■ 20.1063, 0.3581,
0.1842

■ 93.2945, 0.2954,
0.3371

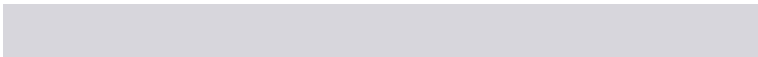
■ 18.9443, 0.3641,
0.1806

■ 93.5207, 0.2935,
0.3334

Harmonies

Analogous

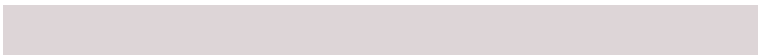
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7105, 0.3095, 0.3219



67.7105, 0.3137, 0.3235



67.7105, 0.3177, 0.3266

Triad

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



67.7105, 0.3137, 0.3235



67.7105, 0.3193, 0.3359



67.7105, 0.3052, 0.3277

Complementary

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



67.7105, 0.3137, 0.3235



69.6596, 0.3117, 0.3346

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.



67.7105, 0.3078, 0.3315



67.7105, 0.3137, 0.3235



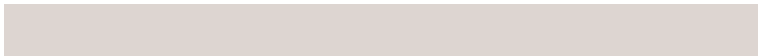
67.7105, 0.3159, 0.3362

Square

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



67.7105, 0.3137, 0.3235



67.7105, 0.3209, 0.3337



67.7105, 0.3117, 0.3346



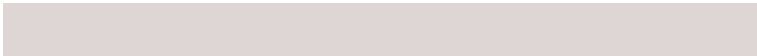
67.7105, 0.3046, 0.3243

Rectangle

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



67.7105, 0.3137, 0.3235



67.7105, 0.3197, 0.3290



67.7105, 0.3117, 0.3346



67.7105, 0.3058, 0.3290

Sweetspot

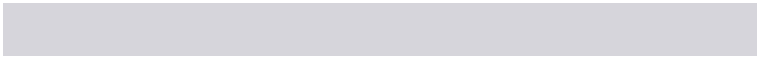
The Sweet Spot groups the original color and five complimentary colors.



67.7134, 0.3137, 0.3235



98.3566, 0.3131, 0.3270



66.9892, 0.3093, 0.3223



21.0697, 0.3131, 0.3271



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.



67.7134, 0.3137, 0.3235



95.1345, 0.3138, 0.3229



67.5631, 0.3157, 0.3267



14.5521, 0.3141, 0.3214



10.9644, 0.3675, 0.1798



0.7204, 0.3587, 0.1750

Inverse Universe

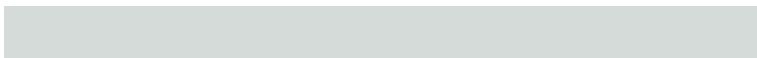
The Inverse Universe completely reimagines the original color for something new.



67.7134, 0.3137, 0.3235



95.1345, 0.3138, 0.3229



69.8089, 0.3098, 0.3313



14.5521, 0.3141, 0.3214



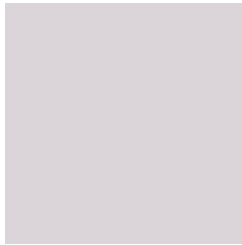
10.9644, 0.3675, 0.1798



0.7204, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 67.7105, 0.3137, 0.3235 looks on a white background.

Color Contrast Check

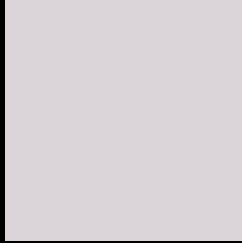
Large Text (above 18pt) WCAG AA × Fail

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 67.7105, 0.3137, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

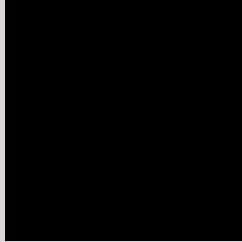
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

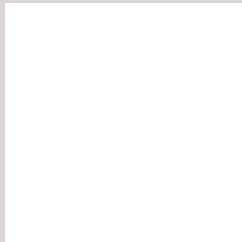
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7105, 0.3137, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 67.7105, 0.3137, 0.3235.

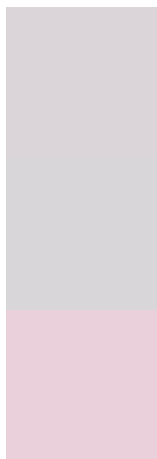


This preview shows how white text looks on a background with the Yxy color 67.7105, 0.3137, 0.3235.

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

67.7105, 0.3137, 0.3235

Protanopia

67.9068, 0.3122, 0.3246

Deuteranopia

67.5499, 0.3238, 0.3173



Tritanopia

67.5621, 0.3085, 0.3105

Trichromacy



Original Color

67.7105, 0.3137, 0.3235

Protanomaly

68.0605, 0.3129, 0.3246

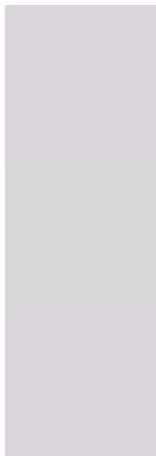
Deuteranomaly

67.7016, 0.3199, 0.3193

Tritanomaly

67.6844, 0.3104, 0.3159

Monochromacy



Original Color

67.7105, 0.3137, 0.3235

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.6499, 0.3128, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7105, 0.3137, 0.3235 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(219, 213, 218) looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 218)  
}
```

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(219, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 218) }
```

Border

The CSS property to change the border of an element to Yxy 67.7105, 0.3137, 0.3235 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(219, 213, 218) }
```

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

```
.border{ border-color:rgb(219, 213, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7105, 0.3137, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 218) }
```

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

```
.background{ background-color: rgb(219,  
213, 218) }
```

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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