

Converting Colors

$Yxy(67.6064, 0.3151, 0.3257)$

Have a look what the booklet for
Yxy(67.6064, 0.3151, 0.3257)
contains.

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Color

Yxy(67.6064, 0.3151, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5D8
RGB	219, 213, 216
RGB Percent	86%, 84%, 85%
CMY	0.1411, 0.1647, 0.1530
CMYK	0.00, 0.03, 0.01, 0.14
HSL	330°, 8%, 85%
HSV	330°, 3%, 86%
XYZ	65.4061, 67.6064, 74.5601
YIQ	215.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

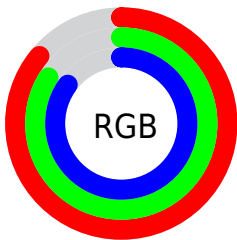
Format	Color
RYP	219, 213, 216
Decimal	14407128
CIELab	85.81, 2.60, -0.75
CIElCh	86, 2.705, 343.891
Yxy	67.6064, 0.3151, 0.3257
Android (android.graphics.Color)	4292597208 (0xFFD8D5D8)
YUV	215.1360, 0.4260, 3.3887
Hunter-Lab	82.2231, -1.8988, 3.7919

Details

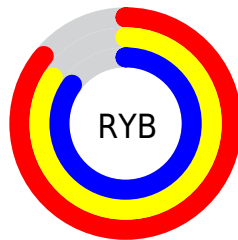
The Yxy color **67.6064, 0.3151, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7810, 0.3104, 0.3323**, and the grayscale version is **68.0509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9194, 0.3158, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **56.7736, 0.3249, 0.3132**, and if you desaturate by 10%, it is **79.9713, 0.3070, 0.3374**.

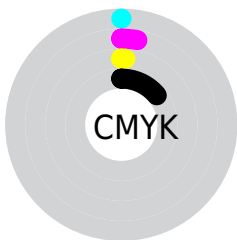
Distribution



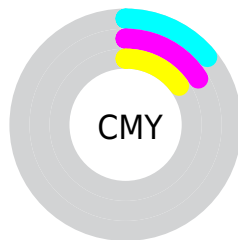
- Red (86%)
- Green (84%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6064, 0.3151, 0.3257 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 67.6064, 0.3151, 0.3257 by changing the saturation by 10% instead.

■ 67.6064, 0.3151,
0.3257

■ 67.6064, 0.3151,
0.3257

452.1002, 0.3140,
0.3273

■ 49.5776, 0.3154,
0.3253

115.7889, 0.3147,
0.3262

■ 35.0779, 0.3157,
0.3249

146.7114, 0.3146,
0.3265

■ 23.7229, 0.3161,
0.3243

182.7005, 0.3144,
0.3266

■ 15.1282, 0.3166,
0.3236

224.1407, 0.3143,
0.3268

■ 8.9094, 0.3174,
0.3225

271.4164, 0.3142,
0.3269

■ 4.6821, 0.3185,
0.3210

324.9120, 0.3141,

■ 2.0620, 0.3203,

0.3270

385.0118, 0.3141,
0.3272

0.3185

0.6431, 0.3259,
0.3106

0.0000, 0.0000,
0.0000

67.6064, 0.3151,
0.3257

67.6064, 0.3151,
0.3257

56.7736, 0.3249,
0.3132

79.9713, 0.3070,
0.3374

47.4041, 0.3367,
0.3002

92.7597, 0.3003,
0.3464

39.4370, 0.3508,
0.2868

93.4282, 0.2943,
0.3350

32.8036, 0.3675,
0.2738

93.8037, 0.2912,
0.3289

■ 27.4292, 0.3869,
0.2618

■ 23.2320, 0.4089,
0.2520

■ 20.1201, 0.4328,
0.2455

■ 17.9881, 0.4578,
0.2437

■ 16.7086, 0.4825,
0.2473

Harmonies

Analogous

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



67.6064, 0.3117, 0.3238



67.6064, 0.3151, 0.3257



67.6064, 0.3178, 0.3285

Triad

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



67.6064, 0.3151, 0.3257



67.6064, 0.3168, 0.3348



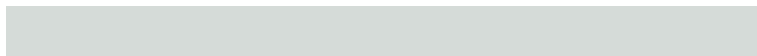
67.6064, 0.3063, 0.3266

Complementary

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



67.6064, 0.3151, 0.3257



69.7810, 0.3104, 0.3323

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.



67.6064, 0.3076, 0.3295



67.6064, 0.3151, 0.3257



67.6064, 0.3137, 0.3343

Square

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



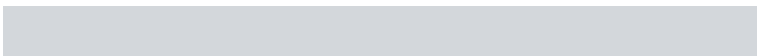
67.6064, 0.3151, 0.3257



67.6064, 0.3188, 0.3337



67.6064, 0.3103, 0.3324



67.6064, 0.3067, 0.3243

Rectangle

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



67.6064, 0.3151, 0.3257



67.6064, 0.3189, 0.3305



67.6064, 0.3103, 0.3324



67.6064, 0.3066, 0.3275

Sweetspot

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



67.6093, 0.3151, 0.3257



98.3014, 0.3136, 0.3278



67.3046, 0.3108, 0.3223



21.0584, 0.3135, 0.3279



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.



67.6093, 0.3151, 0.3257



94.9702, 0.3153, 0.3254



67.4560, 0.3172, 0.3290



14.5205, 0.3160, 0.3245



9.6031, 0.4965, 0.2509



0.6395, 0.4602, 0.2309

Inverse Universe

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



67.6093, 0.3151, 0.3257



94.9702, 0.3153, 0.3254



69.9372, 0.3084, 0.3290



14.5205, 0.3160, 0.3245



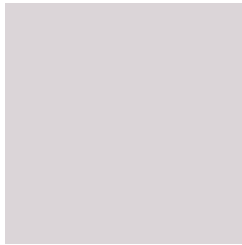
9.6031, 0.4965, 0.2509



0.6395, 0.4602, 0.2309

Previews

White Background



This preview shows how the Yxy color 67.6064, 0.3151, 0.3257 looks on a white background.

Color Contrast Check

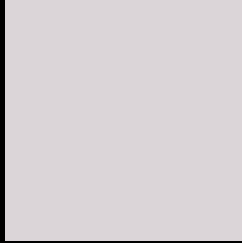
Large Text (above 18pt) WCAG AA × Fail

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 67.6064, 0.3151, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

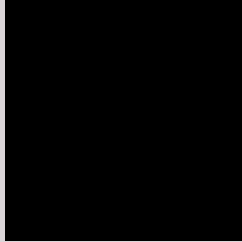
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

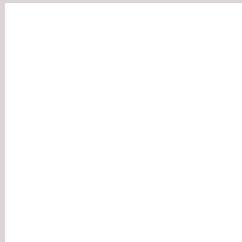
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6064, 0.3151, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 67.6064, 0.3151, 0.3257.

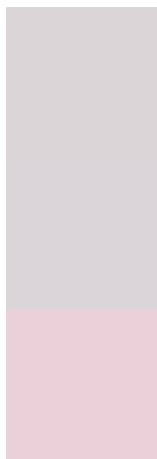


This preview shows how white text looks on a background with the Yxy color 67.6064, 0.3151, 0.3257.

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

67.6064, 0.3151, 0.3257

Protanopia

67.4518, 0.3143, 0.3257

Deuteranopia

67.6139, 0.3260, 0.3194



Tritanopia

67.5621, 0.3085, 0.3105

Trichromacy



Original Color

67.6064, 0.3151, 0.3257

Protanomaly

67.4518, 0.3143, 0.3257

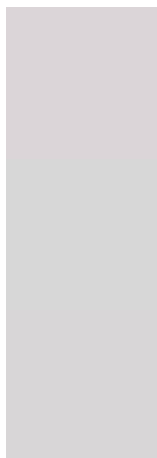
Deuteranomaly

67.7610, 0.3220, 0.3215

Tritanomaly

67.6844, 0.3104, 0.3159

Monochromacy



Original Color

67.6064, 0.3151, 0.3257

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5984, 0.3135, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6064, 0.3151, 0.3257 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 67.6064, 0.3151, 0.3257 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, 216) }
```

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

```
.border{ border-color:rgb(219, 213, 216) }
```

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, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6064, 0.3151, 0.3257 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, 216) }
```

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

```
.background{ background-color: rgb(219,  
213, 216) }
```

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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