

Converting Colors

Yxy(68.5161, 0.3135, 0.3268)

Have a look what the booklet for
Yxy(68.5161, 0.3135, 0.3268)
contains.

Yxy(68.5161, 0.3135, 0.3268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(68.5161, 0.3135, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DAD7D9
RGB	218, 215, 217
RGB Percent	85%, 84%, 85%
CMY	0.1453, 0.1568, 0.1490
CMYK	0.00, 0.01, 0.00, 0.15
HSL	319°, 4%, 85%
HSV	319°, 1%, 85%
XYZ	65.7277, 68.5161, 75.4138
YIQ	216.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

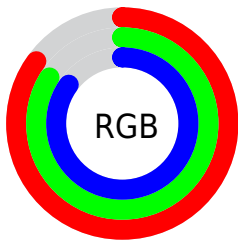
Format	Color
RYB	218, 215, 217
Decimal	14342105
CIELab	86.26, 1.36, -0.64
CIElCh	86, 1.503, 334.922
Yxy	68.5161, 0.3135, 0.3268
Android (android.graphics.Color)	4292532185 (0xFFDAD7D9)
YUV	216.1250, 0.4314, 1.6444
Hunter-Lab	82.7745, -3.1161, 3.9244

Details

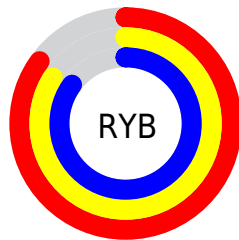
The Yxy color **68.5161, 0.3135, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5218, 0.3119, 0.3312**, and the grayscale version is **68.7530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5368, 0.3138, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **57.7926, 0.3199, 0.3099**, and if you desaturate by 10%, it is **80.7395, 0.3081, 0.3427**.

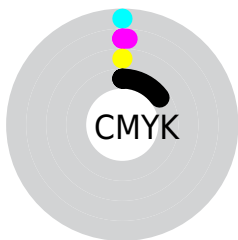
Distribution



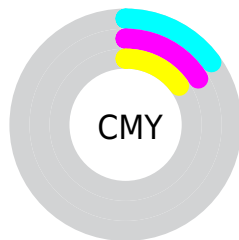
- Red (85%)
- Green (84%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5161, 0.3135, 0.3268 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 68.5161, 0.3135, 0.3268 by changing the saturation by 10% instead.

■ 68.5161, 0.3135,
0.3268

■ 68.5161, 0.3135,
0.3268

455.3224, 0.3131,
0.3278

■ 50.3177, 0.3136,
0.3266

117.0902, 0.3134,
0.3272

■ 35.6659, 0.3137,
0.3263

148.2346, 0.3133,
0.3273

■ 24.1763, 0.3138,
0.3259

184.4632, 0.3133,
0.3274

■ 15.4644, 0.3140,
0.3254

226.1604, 0.3132,
0.3275

■ 9.1460, 0.3142,
0.3247

273.7105, 0.3132,
0.3276

■ 4.8365, 0.3146,
0.3237

327.4980, 0.3132,

■ 2.1517, 0.3152,

0.3277

387.9071, 0.3132,
0.3278

0.3220

0.6934, 0.3168,
0.3173

0.0000, 0.0000,
0.0000

68.5161, 0.3135,
0.3268

68.5161, 0.3135,
0.3268

57.7926, 0.3199,
0.3099

80.7395, 0.3081,
0.3427

48.5018, 0.3275,
0.2924

92.1839, 0.3036,
0.3539

40.5848, 0.3364,
0.2746

92.5853, 0.2998,
0.3466

33.9749, 0.3466,
0.2571

93.0025, 0.2960,
0.3393

■ 28.6000, 0.3580,
0.2408

■ 93.4358, 0.2922,
0.3321

■ 24.3808, 0.3707,
0.2268

■ 93.6375, 0.2905,
0.3289

■ 21.2290, 0.3841,
0.2161

■ 19.0433, 0.3980,
0.2097

■ 17.7024, 0.4117,
0.2083

Harmonies

Analogous

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



68.5161, 0.3116, 0.3260



68.5161, 0.3135, 0.3268



68.5161, 0.3152, 0.3282

Triad

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



68.5161, 0.3135, 0.3268



68.5161, 0.3154, 0.3321



68.5161, 0.3093, 0.3282

Complementary

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



68.5161, 0.3135, 0.3268



69.5218, 0.3119, 0.3312

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.



68.5161, 0.3103, 0.3298



68.5161, 0.3135, 0.3268



68.5161, 0.3138, 0.3321

Square

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



68.5161, 0.3135, 0.3268



68.5161, 0.3163, 0.3313



68.5161, 0.3119, 0.3313



68.5161, 0.3092, 0.3267

Rectangle

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



68.5161, 0.3135, 0.3268



68.5161, 0.3159, 0.3293



68.5161, 0.3119, 0.3313



68.5161, 0.3095, 0.3287

Sweetspot

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



68.5190, 0.3135, 0.3268

100.0000, 0.3127, 0.3290



68.2614, 0.3114, 0.3258



21.4041, 0.3127, 0.3290



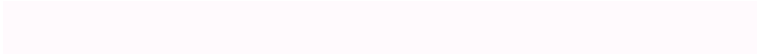
0.0000, 0.0000, 0.0000

Same Dimension

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



68.5190, 0.3135, 0.3268



96.6845, 0.3139, 0.3257



68.4436, 0.3145, 0.3284



15.0066, 0.3138, 0.3259



10.2374, 0.4215, 0.2096



0.6787, 0.4011, 0.1983

Inverse Universe

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



68.5190, 0.3135, 0.3268



96.6845, 0.3139, 0.3257



69.5974, 0.3110, 0.3296



15.0066, 0.3138, 0.3259



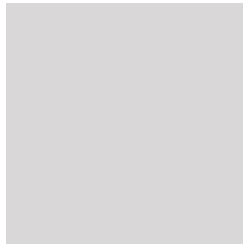
10.2374, 0.4215, 0.2096



0.6787, 0.4011, 0.1983

Previews

White Background



This preview shows how the Yxy color 68.5161, 0.3135, 0.3268 looks on a white background.

Color Contrast Check

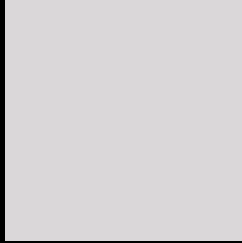
Large Text (above 18pt) WCAG AA × Fail

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 68.5161, 0.3135, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

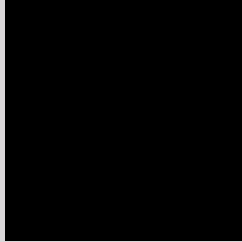
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

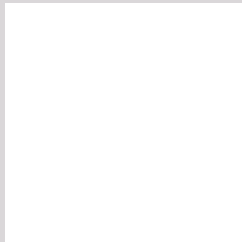
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5161, 0.3135, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 68.5161, 0.3135, 0.3268.

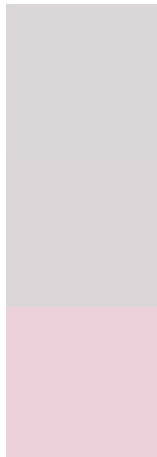


This preview shows how white text looks on a background with the Yxy color 68.5161, 0.3135, 0.3268.

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

68.5161, 0.3135, 0.3268

Protanopia

68.6707, 0.3143, 0.3268

Deuteranopia

68.3251, 0.3260, 0.3194



Tritanopia

68.5173, 0.3064, 0.3105

Trichromacy



Original Color

68.5161, 0.3135, 0.3268

Protanomaly

68.6707, 0.3143, 0.3268

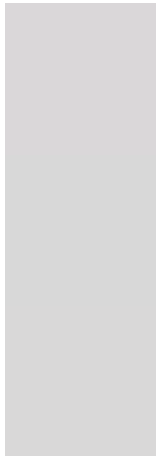
Deuteranomaly

68.3085, 0.3213, 0.3215

Tritanomaly

68.5894, 0.3089, 0.3170

Monochromacy



Original Color

68.5161, 0.3135, 0.3268

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8213, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5161, 0.3135, 0.3268 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, 215, 217) looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 217)  
}
```

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, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 217) }
```

Border

The CSS property to change the border of an element to Yxy 68.5161, 0.3135, 0.3268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

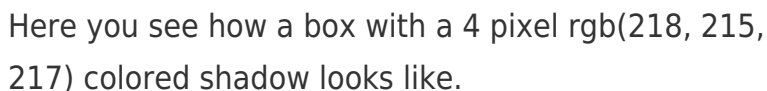
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 215, 217) }
```

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

```
.border{ border-color:rgb(218, 215, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
217) }
```

Background

The CSS property to change the background color of an element to Yxy 68.5161, 0.3135, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 217) }
```

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

```
.background{ background-color: rgb(218,  
215, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor