

Converting Colors

Yxy(67.9096, 0.3219, 0.3311)

Have a look what the booklet for
Yxy(67.9096, 0.3219, 0.3311)
contains.

Yxy(67.9796, 0.3215, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9796, 0.3215, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	DFD5D3
RGB	223, 213, 211
RGB Percent	87%, 84%, 83%
CMY	0.1254, 0.1647, 0.1725
CMYK	0.00, 0.04, 0.05, 0.13
HSL	10°, 16%, 85%
HSV	10°, 5%, 87%
XYZ	65.9887, 67.9796, 71.2842
YIQ	215.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

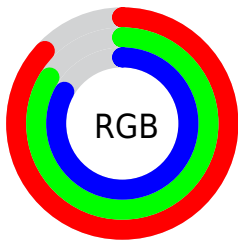
Format	Color
R _Y B	223, 213, 211
Decimal	14669267
CIE Lab	86.00, 3.10, 2.19
CIE LCh	86, 3.796, 35.277
Yxy	67.9796, 0.3215, 0.3312
Android (android.graphics.Color)	4292859347 (0xFFDFD5D3)
YUV	215.7620, -2.3477, 6.3477
Hunter-Lab	82.4497, -1.4246, 6.4540

Details

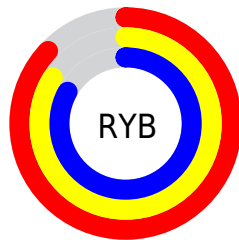
The Yxy color **67.9796, 0.3215, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9129, 0.3044, 0.3268**, and the grayscale version is **68.5155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2129, 0.3234, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **58.1032, 0.3405, 0.3355**, and if you desaturate by 10%, it is **79.0929, 0.3059, 0.3272**.

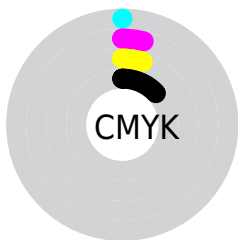
Distribution



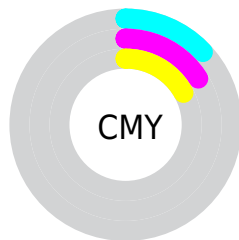
- Red (87%)
- Green (84%)
- Blue (83%)



- Red (87%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9796, 0.3215, 0.3312 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 67.9796, 0.3215, 0.3312 by changing the saturation by 10% instead.

■ 67.9796, 0.3215,
0.3312

■ 67.9796, 0.3215,
0.3312

453.4237, 0.3174,
0.3302

■ 49.8811, 0.3225,
0.3314

116.3230, 0.3201,
0.3309

■ 35.3190, 0.3237,
0.3317

147.3366, 0.3195,
0.3307

■ 23.9087, 0.3252,
0.3321

183.4242, 0.3190,
0.3306

■ 15.2659, 0.3272,
0.3325

224.9700, 0.3186,
0.3305

■ 9.0062, 0.3300,
0.3332

272.3585, 0.3182,
0.3304

■ 4.7452, 0.3342,
0.3341

325.9740, 0.3179,

■ 2.0986, 0.3409,

0.3303

386.2009, 0.3176,
0.3303

0.3356

0.6638, 0.3642,
0.3422

0.0000, 0.0000,
0.0000

67.9796, 0.3215,
0.3312

67.9796, 0.3215,
0.3312

58.1032, 0.3405,
0.3355

79.0929, 0.3059,
0.3272

49.4124, 0.3637,
0.3401

91.4346, 0.2934,
0.3241

41.8650, 0.3917,
0.3448

94.4304, 0.2935,
0.3289

35.4131, 0.4249,
0.3491

■ 30.0055, 0.4633,
0.3527

■ 25.5867, 0.5055,
0.3547

■ 22.0960, 0.5483,
0.3544

■ 19.4660, 0.5867,
0.3510

■ 17.6194, 0.6153,
0.3448

Harmonies

Analogous

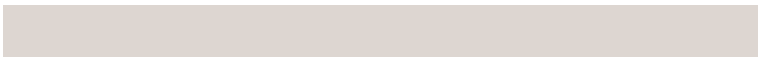
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.9796, 0.3189, 0.3271



67.9796, 0.3215, 0.3312



67.9796, 0.3217, 0.3348

Triad

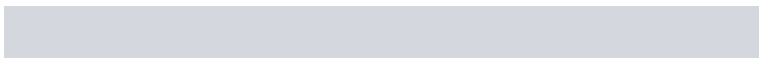
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.9796, 0.3215, 0.3312



67.9796, 0.3107, 0.3347



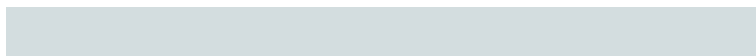
67.9796, 0.3060, 0.3212

Complementary

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



67.9796, 0.3215, 0.3312



70.9129, 0.3044, 0.3268

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.



67.9796, 0.3038, 0.3232



67.9796, 0.3215, 0.3312



67.9796, 0.3065, 0.3310

Square

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



67.9796, 0.3215, 0.3312



67.9796, 0.3154, 0.3369



67.9796, 0.3040, 0.3267



67.9796, 0.3100, 0.3213

Rectangle

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



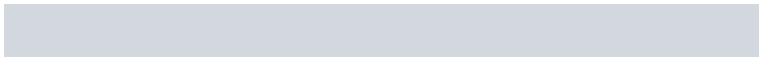
67.9796, 0.3215, 0.3312



67.9796, 0.3204, 0.3364



67.9796, 0.3040, 0.3267



67.9796, 0.3051, 0.3216

Sweetspot

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



67.9826, 0.3215, 0.3312



96.9886, 0.3159, 0.3298



67.5213, 0.3146, 0.3179



20.7911, 0.3157, 0.3298



0.0000, 0.0000, 0.0000



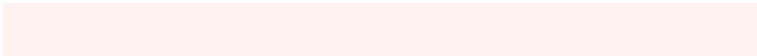
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9826, 0.3215, 0.3312



91.1707, 0.3227, 0.3315



70.9622, 0.3210, 0.3376



14.6987, 0.3237, 0.3317



10.1039, 0.6231, 0.3434



0.8128, 0.5959, 0.3650

Inverse Universe

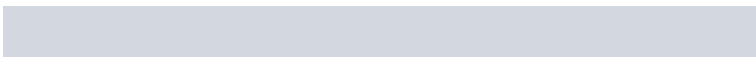
The Inverse Universe completely reimagines the original color for something new.



70.9129, 0.3044, 0.3268



95.6134, 0.3034, 0.3265



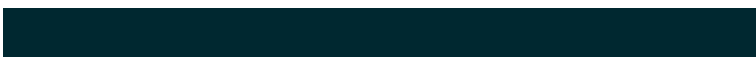
67.8929, 0.3045, 0.3203



15.4862, 0.3025, 0.3263



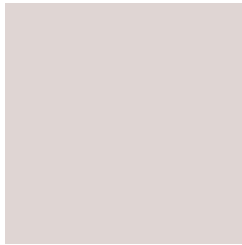
23.9790, 0.2099, 0.2758



1.7659, 0.2125, 0.2848

Previews

White Background



This preview shows how the Yxy color 67.9796, 0.3215, 0.3312 looks on a white background.

Color Contrast Check

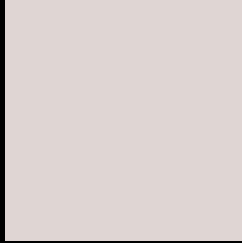
Large Text (above 18pt) WCAG AA × Fail

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 67.9796, 0.3215, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

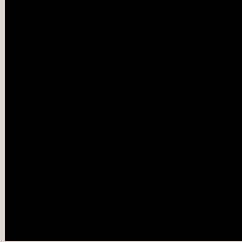
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

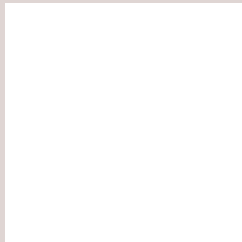
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9796, 0.3215, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 67.9796, 0.3215, 0.3312.

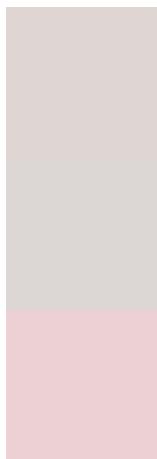


This preview shows how white text looks on a background with the Yxy color 67.9796, 0.3215, 0.3312.

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

67.9796, 0.3215, 0.3312

Protanopia

68.0622, 0.3185, 0.3312

Deuteranopia

67.8697, 0.3319, 0.3248



Tritanopia

68.1421, 0.3121, 0.3117

Trichromacy



Original Color

67.9796, 0.3215, 0.3312

Protanomaly

68.2188, 0.3192, 0.3312

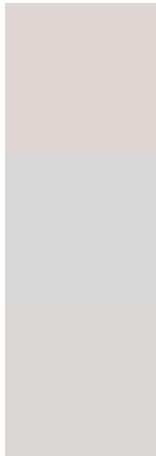
Deuteranomaly

68.0025, 0.3279, 0.3269

Tritanomaly

68.1547, 0.3154, 0.3192

Monochromacy



Original Color

67.9796, 0.3215, 0.3312

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5160, 0.3163, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9796, 0.3215, 0.3312 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(223, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 211)  
}
```

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(223, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 211) }
```

Border

The CSS property to change the border of an element to Yxy 67.9796, 0.3215, 0.3312 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(223, 213, 211) }
```

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

```
.border{ border-color:rgb(223, 213, 211) }
```

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

Here you see how a box with a 4 pixel rgb(223, 213, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9796, 0.3215, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 211) }
```

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

```
.background{ background-color: rgb(223,  
213, 211) }
```

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