

Converting Colors

Yxy(69.6443, 0.3168, 0.3322)

Have a look what the booklet for
Yxy(69.6443, 0.3168, 0.3322)
contains.

Yxy(69.6964, 0.3169, 0.3323)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.6964, 0.3169, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	DCD9D6
RGB	220, 217, 214
RGB Percent	86%, 85%, 84%
CMY	0.1373, 0.1490, 0.1607
CMYK	0.00, 0.01, 0.03, 0.14
HSL	30°, 8%, 85%
HSV	30°, 3%, 86%
XYZ	66.4664, 69.6964, 73.5766
YIQ	217.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

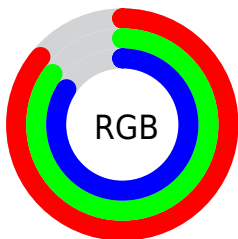
Format	Color
R _Y B	220, 220, 214
Decimal	14473686
CIE Lab	86.85, 0.49, 1.82
CIE LCh	87, 1.885, 74.778
Yxy	69.6964, 0.3169, 0.3323
Android (android.graphics.Color)	4292663766 (0xFFD9D6)
YUV	217.5550, -1.7526, 2.1443
Hunter-Lab	83.4844, -3.9842, 6.1855

Details

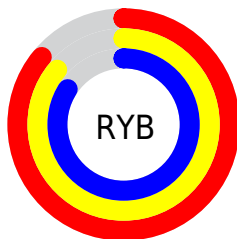
The Yxy color **69.6964, 0.3169, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0956, 0.3086, 0.3257**, and the grayscale version is **69.8017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3432, 0.3182, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **63.1636, 0.3337, 0.3449**, and if you desaturate by 10%, it is **76.7656, 0.3023, 0.3205**.

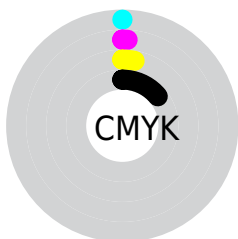
Distribution



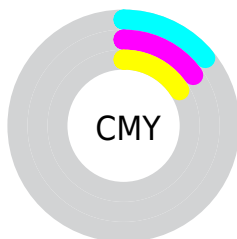
- Red (86%)
- Green (85%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6964, 0.3169, 0.3323 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 69.6964, 0.3169, 0.3323 by changing the saturation by 10% instead.

■ 69.6964, 0.3169,
0.3323

■ 69.6964, 0.3169,
0.3323

459.4833, 0.3150,
0.3308

■ 51.2791, 0.3174,
0.3327

118.7757, 0.3162,
0.3318

■ 36.4307, 0.3179,
0.3331

150.2065, 0.3160,
0.3316

■ 24.7671, 0.3186,
0.3336

186.7438, 0.3157,
0.3314

■ 15.9036, 0.3196,
0.3344

228.7721, 0.3155,
0.3312

■ 9.4560, 0.3209,
0.3354

276.6759, 0.3154,
0.3311

■ 5.0398, 0.3228,
0.3369

330.8394, 0.3152,

■ 2.2706, 0.3258,

0.3310

391.6470, 0.3151,
0.3309

0.3392

0.7581, 0.3347,
0.3463

0.0000, 0.0000,
0.0000

69.6964, 0.3169,
0.3323

69.6964, 0.3169,
0.3323

63.1636, 0.3337,
0.3449

76.7656, 0.3023,
0.3205

57.1446, 0.3528,
0.3582

84.1792, 0.2912,
0.3125

51.6286, 0.3744,
0.3718

90.8222, 0.2916,
0.3239

46.6008, 0.3985,
0.3851

93.9555, 0.2917,
0.3289

■ 42.0457, 0.4246,
0.3973

■ 37.9466, 0.4520,
0.4074

■ 34.2857, 0.4796,
0.4141

■ 31.0431, 0.5055,
0.4162

■ 28.1966, 0.5282,
0.4128

Harmonies

Analogous

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



69.6964, 0.3172, 0.3307



69.6964, 0.3169, 0.3323



69.6964, 0.3155, 0.3330

Triad

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



69.6964, 0.3169, 0.3323



69.6964, 0.3092, 0.3293



69.6964, 0.3121, 0.3254

Complementary

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



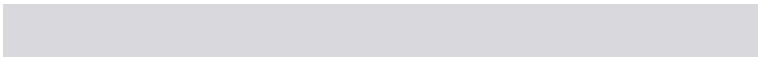
69.6964, 0.3169, 0.3323



69.0956, 0.3086, 0.3257

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.



69.6964, 0.3100, 0.3251



69.6964, 0.3169, 0.3323



69.6964, 0.3083, 0.3273

Square

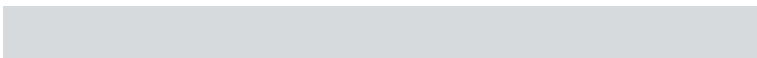
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6964, 0.3169, 0.3323



69.6964, 0.3110, 0.3313



69.6964, 0.3086, 0.3257



69.6964, 0.3144, 0.3268

Rectangle

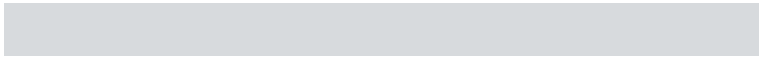
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



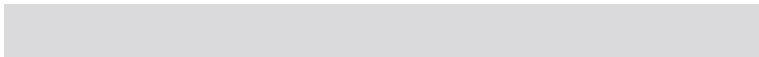
69.6964, 0.3169, 0.3323



69.6964, 0.3141, 0.3329



69.6964, 0.3086, 0.3257



69.6964, 0.3114, 0.3252

Sweetspot

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



69.6994, 0.3169, 0.3323



99.0255, 0.3142, 0.3302



68.3312, 0.3150, 0.3256



21.2058, 0.3142, 0.3302



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.



69.6994, 0.3169, 0.3323



97.0993, 0.3174, 0.3327



71.2047, 0.3167, 0.3355



14.9286, 0.3186, 0.3336



15.6892, 0.5401, 0.4093



1.1888, 0.5152, 0.4291

Inverse Universe

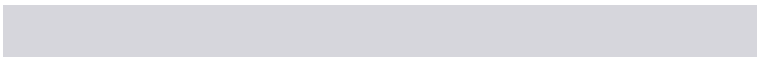
The Inverse Universe completely reimagines the original color for something new.



69.0956, 0.3086, 0.3257



96.1631, 0.3081, 0.3253



67.6165, 0.3087, 0.3225



14.7487, 0.3070, 0.3244



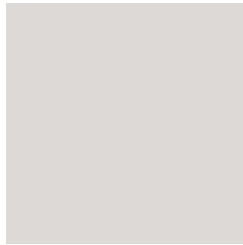
9.8092, 0.1774, 0.1586



0.8078, 0.1856, 0.1882

Previews

White Background



This preview shows how the Yxy color 69.6964, 0.3169, 0.3323 looks on a white background.

Color Contrast Check

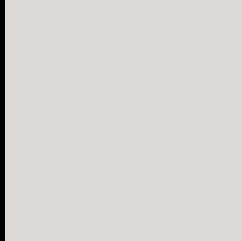
Large Text (above 18pt) WCAG AA × Fail

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 69.6964, 0.3169, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

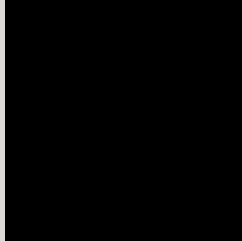
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

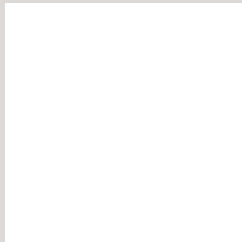
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6964, 0.3169, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 69.6964, 0.3169, 0.3323.

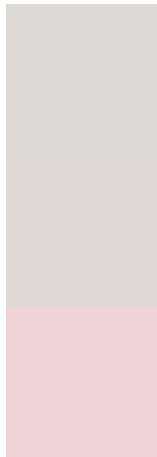


This preview shows how white text looks on a background with the Yxy color 69.6964, 0.3169, 0.3323.

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

69.6964, 0.3169, 0.3323

Protanopia

69.4964, 0.3184, 0.3312

Deuteranopia

69.3502, 0.3310, 0.3238



Tritanopia

69.5506, 0.3078, 0.3107

Trichromacy



Original Color

69.6964, 0.3169, 0.3323

Protanomaly

69.3389, 0.3177, 0.3312

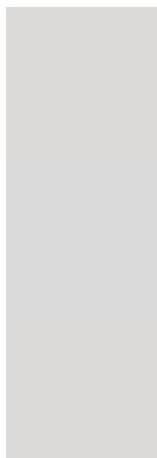
Deuteranomaly

69.6506, 0.3254, 0.3269

Tritanomaly

69.5667, 0.3111, 0.3182

Monochromacy



Original Color

69.6964, 0.3169, 0.3323

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2126, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6964, 0.3169, 0.3323 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(220, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 214)  
}
```

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(220, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 214) }
```

Border

The CSS property to change the border of an element to Yxy 69.6964, 0.3169, 0.3323 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(220, 217, 214) }
```

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

```
.border{ border-color:rgb(220, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6964, 0.3169, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 214) }
```

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

```
.background{ background-color: rgb(220,  
217, 214) }
```

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