

Converting Colors

Yxy(68.9615, 0.3177, 0.3320)

Have a look what the booklet for
Yxy(68.9615, 0.3177, 0.3320)
contains.

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Color

Yxy(69.1315, 0.3177, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	DCD8D5
RGB	220, 216, 213
RGB Percent	86%, 85%, 84%
CMY	0.1370, 0.1530, 0.1647
CMYK	0.00, 0.02, 0.03, 0.14
HSL	25°, 9%, 85%
HSV	25°, 3%, 86%
XYZ	66.0941, 69.1315, 72.8138
YIQ	216.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

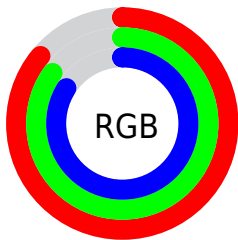
Format	Color
RYB	220, 218, 213
Decimal	14473429
CIELab	86.57, 0.87, 1.95
CIELCh	87, 2.131, 66.028
Yxy	69.1315, 0.3177, 0.3323
Android (android.graphics.Color)	4292663509 (0xFFD8D8D5)
YUV	216.8540, -1.9000, 2.7590
Hunter-Lab	83.1454, -3.6107, 6.2791

Details

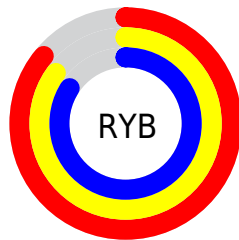
The Yxy color **69.1315, 0.3177, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9812, 0.3078, 0.3257**, and the grayscale version is **69.3011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9577, 0.3192, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **61.8354, 0.3349, 0.3431**, and if you desaturate by 10%, it is **77.0880, 0.3029, 0.3223**.

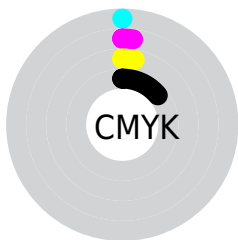
Distribution



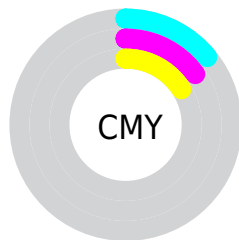
- Red (86%)
- Green (85%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1315, 0.3177, 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 69.1315, 0.3177, 0.3323 by changing the saturation by 10% instead.

■ 69.1315, 0.3177,
0.3323

■ 69.1315, 0.3177,
0.3323

457.4946, 0.3154,
0.3308

■ 50.8188, 0.3182,
0.3327

117.9694, 0.3169,
0.3318

■ 36.0644, 0.3189,
0.3331

149.2634, 0.3166,
0.3316

■ 24.4840, 0.3198,
0.3336

185.6532, 0.3163,
0.3314

■ 15.6930, 0.3209,
0.3344

227.5234, 0.3161,
0.3312

■ 9.3072, 0.3224,
0.3354

275.2582, 0.3159,
0.3311

■ 4.9421, 0.3247,
0.3369

329.2421, 0.3157,

■ 2.2133, 0.3285,

0.3310

389.8594, 0.3155,
0.3309

0.3393

0.7272, 0.3400,
0.3471

0.0000, 0.0000,
0.0000

69.1315, 0.3177,
0.3323

69.1315, 0.3177,
0.3323

61.8354, 0.3349,
0.3431

77.0880, 0.3029,
0.3223

55.1733, 0.3548,
0.3544

85.5819, 0.2913,
0.3150

49.1302, 0.3777,
0.3660

93.3789, 0.2917,
0.3280

43.6867, 0.4036,
0.3773

93.9644, 0.2918,
0.3289

■ 38.8229, 0.4322,
0.3876

■ 34.5171, 0.4629,
0.3959

■ 30.7462, 0.4942,
0.4007

■ 27.4850, 0.5240,
0.4008

■ 24.7051, 0.5499,
0.3956

Harmonies

Analogous

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



69.1315, 0.3176, 0.3303



69.1315, 0.3177, 0.3323



69.1315, 0.3164, 0.3334

Triad

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



69.1315, 0.3177, 0.3323



69.1315, 0.3092, 0.3301



69.1315, 0.3113, 0.3247

Complementary

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



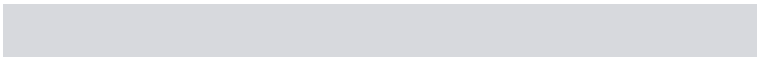
69.1315, 0.3177, 0.3323



68.9812, 0.3078, 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.



69.1315, 0.3090, 0.3246



69.1315, 0.3177, 0.3323



69.1315, 0.3078, 0.3277

Square

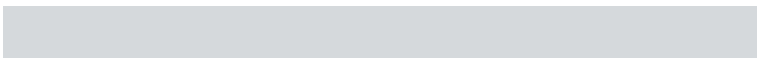
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1315, 0.3177, 0.3323



69.1315, 0.3115, 0.3321



69.1315, 0.3078, 0.3257



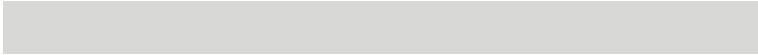
69.1315, 0.3139, 0.3259

Rectangle

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



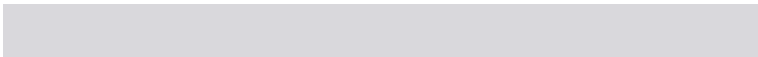
69.1315, 0.3177, 0.3323



69.1315, 0.3150, 0.3335



69.1315, 0.3078, 0.3257



69.1315, 0.3104, 0.3246

Sweetspot

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



69.1345, 0.3177, 0.3323



98.9017, 0.3143, 0.3300



67.8318, 0.3151, 0.3245



21.1806, 0.3142, 0.3300



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.



69.1345, 0.3177, 0.3323



95.6626, 0.3190, 0.3332



70.9368, 0.3174, 0.3361



14.7041, 0.3201, 0.3339



13.7408, 0.5623, 0.3917



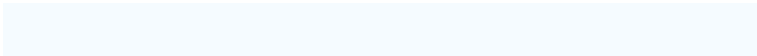
1.0585, 0.5335, 0.4146

Inverse Universe

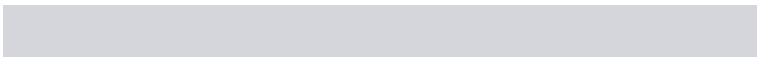
The Inverse Universe completely reimagines the original color for something new.



68.9812, 0.3078, 0.3257



95.3945, 0.3066, 0.3248



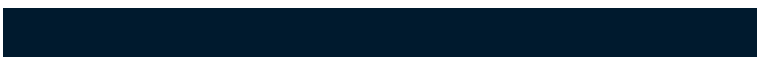
67.2048, 0.3079, 0.3218



14.6558, 0.3055, 0.3241



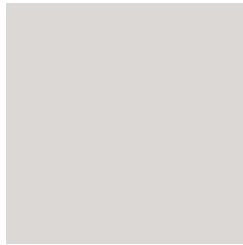
12.1570, 0.1847, 0.1849



0.9569, 0.1919, 0.2107

Previews

White Background



This preview shows how the Yxy color 69.1315, 0.3177, 0.3323 looks on a white background.

Color Contrast Check

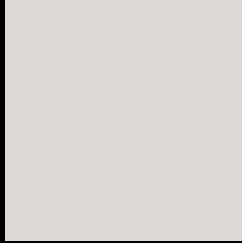
Large Text (above 18pt) WCAG AA × Fail

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 69.1315, 0.3177, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

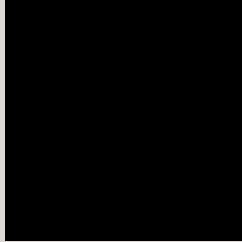
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

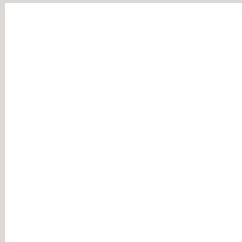
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1315, 0.3177, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 69.1315, 0.3177, 0.3323.

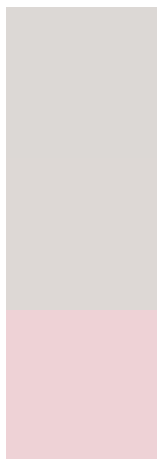


This preview shows how white text looks on a background with the Yxy color 69.1315, 0.3177, 0.3323.

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

69.1315, 0.3177, 0.3323

Protanopia

69.2880, 0.3184, 0.3323

Deuteranopia

69.1254, 0.3310, 0.3248



Tritanopia

68.9896, 0.3085, 0.3107

Trichromacy



Original Color

69.1315, 0.3177, 0.3323

Protanomaly

69.2880, 0.3184, 0.3323

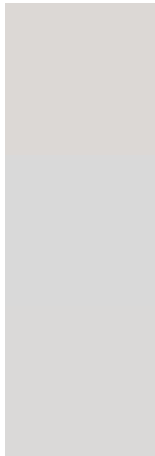
Deuteranomaly

68.9309, 0.3255, 0.3269

Tritanomaly

69.0045, 0.3118, 0.3181

Monochromacy



Original Color

69.1315, 0.3177, 0.3323

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4890, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1315, 0.3177, 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, 216, 213) looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 213)  
}
```

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, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.1315, 0.3177, 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, 216, 213) }
```

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

```
.border{ border-color:rgb(220, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 213);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1315, 0.3177, 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, 216, 213) }
```

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

```
.background{ background-color: rgb(220,  
216, 213) }
```

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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