

Converting Colors

Yxy(69.9142, 0.3121, 0.3235)

Have a look what the booklet for
Yxy(69.9142, 0.3121, 0.3235)
contains.

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Color

Yxy(70.1153, 0.3115, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	DCD9DE
RGB	220, 217, 222
RGB Percent	86%, 85%, 87%
CMY	0.1373, 0.1490, 0.1293
CMYK	0.01, 0.02, 0.00, 0.13
HSL	276°, 7%, 86%
HSV	276°, 2%, 87%
XYZ	67.5144, 70.1153, 79.1100
YIQ	218.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

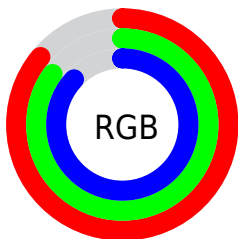
Format	Color
R _Y B	220, 217, 222
Decimal	14473694
CIE Lab	87.05, 1.93, -2.12
CIE LCh	87, 2.867, 312.288
Yxy	70.1153, 0.3115, 0.3235
Android (android.graphics.Color)	4292663774 (0xFFD9DE)
YUV	218.4670, 1.7418, 1.3444
Hunter-Lab	83.7349, -2.6136, 2.5991

Details

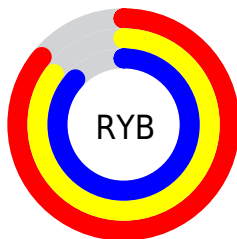
The Yxy color **70.1153, 0.3115, 0.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3429, 0.3139, 0.3345**, and the grayscale version is **70.4400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6300, 0.3112, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **58.0580, 0.3055, 0.2981**, and if you desaturate by 10%, it is **83.7949, 0.3165, 0.3470**.

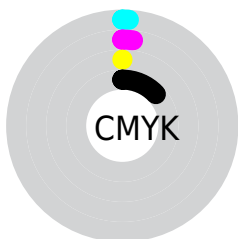
Distribution



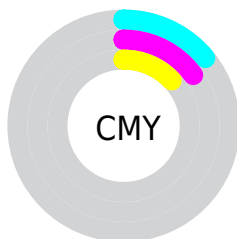
- Red (86%)
- Green (85%)
- Blue (87%)



- Red (86%)
- Yellow (85%)
- Blue (87%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1153, 0.3115, 0.3235 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 70.1153, 0.3115, 0.3235 by changing the saturation by 10% instead.

■ 70.1153, 0.3115,
0.3235

■ 70.1153, 0.3115,
0.3235

460.9547, 0.3121,
0.3261

■ 51.6205, 0.3114,
0.3229

119.3732, 0.3117,
0.3244

■ 36.7027, 0.3112,
0.3222

150.9051, 0.3118,
0.3247

■ 24.9774, 0.3110,
0.3213

187.5515, 0.3118,
0.3250

■ 16.0602, 0.3107,
0.3200

229.6967, 0.3119,
0.3253

■ 9.5668, 0.3103,
0.3184

277.7253, 0.3120,
0.3255

■ 5.1127, 0.3097,
0.3159

332.0216, 0.3120,

■ 2.3135, 0.3088,

0.3257

0.3121

392.9699, 0.3120,
0.3259

0.7809, 0.3072,
0.3040

0.0000, 0.0000,
0.0000

70.1153, 0.3115,
0.3235

70.1153, 0.3115,
0.3235

58.0580, 0.3055,
0.2981

83.7949, 0.3165,
0.3470

47.5518, 0.2985,
0.2710

94.9865, 0.3212,
0.3622

38.5333, 0.2904,
0.2427

96.5920, 0.3270,
0.3616

30.9314, 0.2813,
0.2140

98.0561, 0.3321,
0.3611

■ 24.6687, 0.2712,
0.1860

■ 19.6605, 0.2604,
0.1599

■ 15.8121, 0.2494,
0.1372

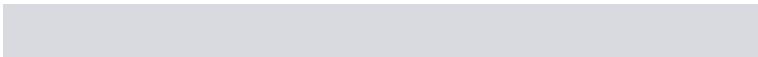
■ 13.0144, 0.2384,
0.1190

■ 11.1368, 0.2280,
0.1059

Harmonies

Analogous

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



70.1153, 0.3083, 0.3230



70.1153, 0.3115, 0.3235



70.1153, 0.3150, 0.3254

Triad

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



70.1153, 0.3115, 0.3235



70.1153, 0.3192, 0.3338



70.1153, 0.3075, 0.3297

Complementary

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



70.1153, 0.3115, 0.3235



72.3429, 0.3139, 0.3345

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.



70.1153, 0.3104, 0.3327



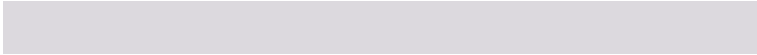
70.1153, 0.3115, 0.3235



70.1153, 0.3171, 0.3350

Square

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



70.1153, 0.3115, 0.3235



70.1153, 0.3195, 0.3314



70.1153, 0.3139, 0.3346



70.1153, 0.3060, 0.3266

Rectangle

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



70.1153, 0.3115, 0.3235



70.1153, 0.3171, 0.3273



70.1153, 0.3139, 0.3346



70.1153, 0.3084, 0.3308

Sweetspot

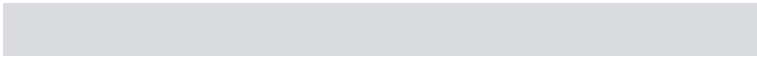
The Sweet Spot groups the original color and five complimentary colors.



70.1183, 0.3115, 0.3235



98.1873, 0.3122, 0.3266



70.7454, 0.3093, 0.3258



21.0352, 0.3122, 0.3267



0.0000, 0.0000, 0.0000



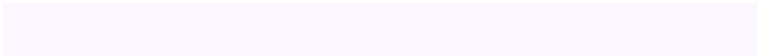
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1183, 0.3115, 0.3235



94.6297, 0.3111, 0.3217



70.4178, 0.3133, 0.3240



15.1777, 0.3107, 0.3198



6.0930, 0.2219, 0.0996



0.4742, 0.2368, 0.1078

Inverse Universe

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



70.2816, 0.3150, 0.3268



94.9272, 0.3158, 0.3260



72.0485, 0.3122, 0.3341



15.2381, 0.3165, 0.3253



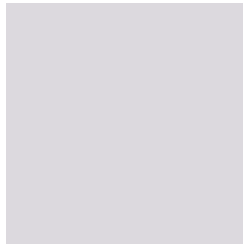
9.6877, 0.5340, 0.2715



0.6889, 0.4936, 0.2493

Previews

White Background



This preview shows how the Yxy color 70.1153, 0.3115, 0.3235 looks on a white background.

Color Contrast Check

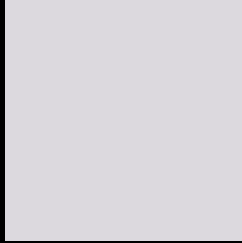
Large Text (above 18pt) WCAG AA × Fail

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 70.1153, 0.3115, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

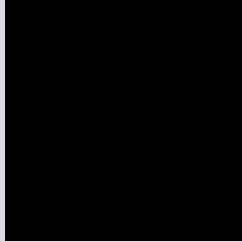
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

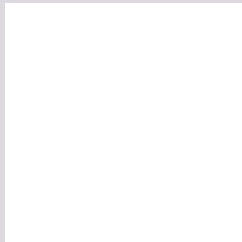
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1153, 0.3115, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 70.1153, 0.3115, 0.3235.

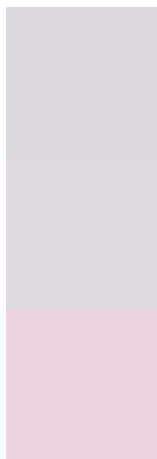


This preview shows how white text looks on a background with the Yxy color 70.1153, 0.3115, 0.3235.

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

70.1153, 0.3115, 0.3235

Protanopia

70.2718, 0.3123, 0.3236

Deuteranopia

69.9208, 0.3237, 0.3164



Tritanopia

69.9567, 0.3064, 0.3107

Trichromacy



Original Color

70.1153, 0.3115, 0.3235

Protanomaly

70.2718, 0.3123, 0.3236

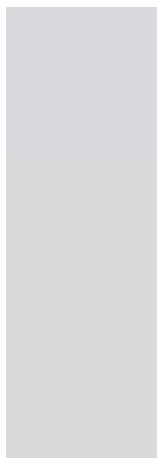
Deuteranomaly

69.9051, 0.3191, 0.3184

Tritanomaly

70.0853, 0.3083, 0.3160

Monochromacy



Original Color

70.1153, 0.3115, 0.3235

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.3173, 0.3128, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1153, 0.3115, 0.3235 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 222) }
```

Border

The CSS property to change the border of an element to Yxy 70.1153, 0.3115, 0.3235 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, 222) }
```

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

```
.border{ border-color:rgb(220, 217, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1153, 0.3115, 0.3235 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, 222) }
```

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

```
.background{ background-color: rgb(220,  
217, 222) }
```

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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