

Converting Colors

$Yxy(70.1017, 0.3132, 0.3466)$

Have a look what the booklet for
Yxy(70.1017, 0.3132, 0.3466)
contains.

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Color

Yxy(70.1087, 0.3133, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	D0DECE
RGB	208, 222, 206
RGB Percent	82%, 87%, 81%
CMY	0.1842, 0.1294, 0.1921
CMYK	0.06, 0.00, 0.07, 0.13
HSL	112°, 19%, 84%
HSV	112°, 7%, 87%
XYZ	63.2816, 70.1087, 68.5938
YIQ	215.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

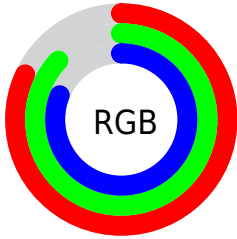
Format	Color
R_{YB}	206, 222, 220
Decimal	13688526
CIE Lab	87.05, -7.58, 6.22
CIE LCh	87, 9.809, 140.626
Yxy	70.1087, 0.3133, 0.3471
Android (android.graphics.Color)	4291878606 (0xFFD0DECE)
YUV	215.9900, -4.9251, -7.0072
Hunter-Lab	83.7309, -11.6235, 10.0403

Details

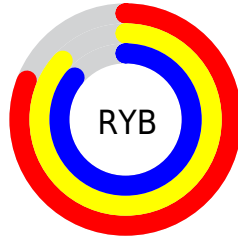
The Yxy color **70.1087, 0.3133, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6314, 0.3120, 0.3114**, and the grayscale version is **68.7033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7745, 0.3135, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **66.4666, 0.3140, 0.3750**, and if you desaturate by 10%, it is **74.2528, 0.3125, 0.3224**.

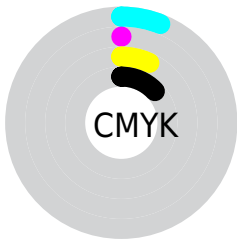
Distribution



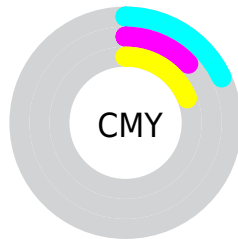
- Red (82%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1087, 0.3133, 0.3471 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 70.1087, 0.3133, 0.3471 by changing the saturation by 10% instead.

70.1087, 0.3133,
0.3471

70.1087, 0.3133,
0.3471

460.9316, 0.3131,
0.3386

51.6152, 0.3133,
0.3491

119.3638, 0.3132,
0.3441

36.6984, 0.3134,
0.3516

150.8941, 0.3132,
0.3430

24.9741, 0.3134,
0.3548

187.5387, 0.3132,
0.3420

16.0577, 0.3135,
0.3590

229.6822, 0.3132,
0.3411

9.5650, 0.3135,
0.3649

277.7088, 0.3131,
0.3403

5.1115, 0.3134,
0.3737

332.0030, 0.3131,

2.3128, 0.3131,

0.3397

392.9491, 0.3131,
0.3391

0.3882

0.7805, 0.3178,
0.4455

0.0000, 0.0000,
0.0000

70.1087, 0.3133,
0.3471

70.1087, 0.3133,
0.3471

66.4666, 0.3140,
0.3750

74.2528, 0.3125,
0.3224

63.2987, 0.3143,
0.4059

78.9075, 0.3115,
0.3008

60.5882, 0.3144,
0.4392

80.7203, 0.3142,
0.2970

58.3137, 0.3139,
0.4739

■ 56.4524, 0.3128,
0.5081

■ 54.9791, 0.3111,
0.5396

■ 53.8660, 0.3089,
0.5658

■ 53.0812, 0.3062,
0.5847

■ 52.5863, 0.3035,
0.5955

Harmonies

Analogous

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



70.1087, 0.3250, 0.3500



70.1087, 0.3133, 0.3471



70.1087, 0.3016, 0.3391

Triad

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



70.1087, 0.3133, 0.3471



70.1087, 0.2923, 0.3109



70.1087, 0.3328, 0.3293

Complementary

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



70.1087, 0.3133, 0.3471



64.6314, 0.3120, 0.3114

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.



70.1087, 0.3237, 0.3192



70.1087, 0.3133, 0.3471



70.1087, 0.3003, 0.3087

Square

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



70.1087, 0.3133, 0.3471



70.1087, 0.2897, 0.3179



70.1087, 0.3118, 0.3118



70.1087, 0.3363, 0.3394

Rectangle

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



70.1087, 0.3133, 0.3471



70.1087, 0.2954, 0.3320



70.1087, 0.3118, 0.3118



70.1087, 0.3302, 0.3258

Sweetspot

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



70.1117, 0.3133, 0.3471



98.8409, 0.3129, 0.3339



71.1007, 0.3236, 0.3443



21.1682, 0.3129, 0.3337



0.0000, 0.0000, 0.0000



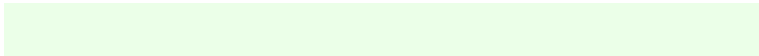
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1117, 0.3133, 0.3471



95.0039, 0.3134, 0.3521



70.1103, 0.3081, 0.3404



15.4200, 0.3135, 0.3531



31.2049, 0.3034, 0.5973



2.1905, 0.3110, 0.5913

Inverse Universe

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



64.6314, 0.3120, 0.3114



85.6742, 0.3118, 0.3067



64.6404, 0.3177, 0.3178



13.8430, 0.3118, 0.3058



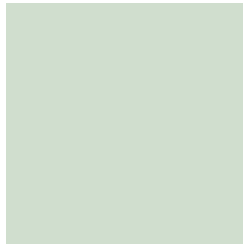
9.9696, 0.2893, 0.1367



0.7160, 0.2944, 0.1396

Previews

White Background



This preview shows how the Yxy color 70.1087, 0.3133, 0.3471 looks on a white background.

Color Contrast Check

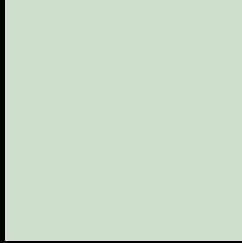
Large Text (above 18pt) WCAG AA × Fail

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 70.1087, 0.3133, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

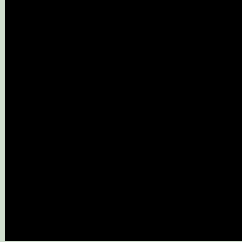
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

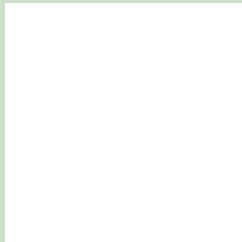
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1087, 0.3133, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 70.1087, 0.3133, 0.3471.

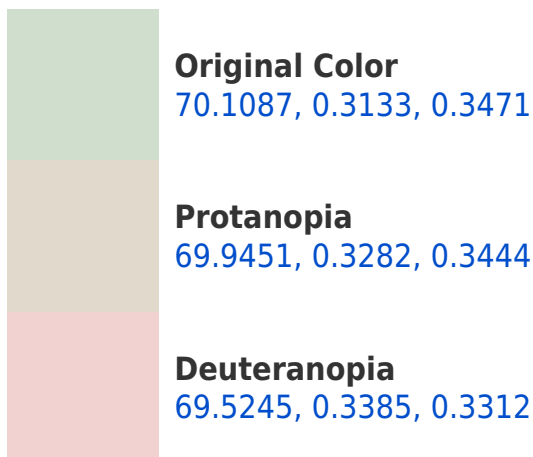


This preview shows how white text looks on a background with the Yxy color 70.1087, 0.3133, 0.3471.

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





Tritanopia

70.2871, 0.2982, 0.3105

Trichromacy



Original Color

70.1087, 0.3133, 0.3471

Protanomaly

70.0827, 0.3228, 0.3457

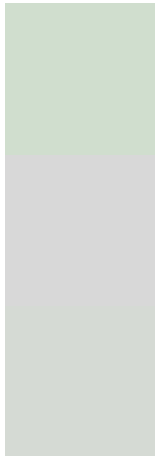
Deuteranomaly

69.4211, 0.3295, 0.3366

Tritanomaly

69.8937, 0.3038, 0.3234

Monochromacy



Original Color

70.1087, 0.3133, 0.3471

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0424, 0.3131, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1087, 0.3133, 0.3471 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(208, 222, 206)` looks like.

```
.text, #text, p{  
    color:rgb(208, 222, 206)  
}
```

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(208, 222, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 222, 206) }
```

Border

The CSS property to change the border of an element to Yxy 70.1087, 0.3133, 0.3471 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(208, 222, 206) }
```

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

```
.border{ border-color:rgb(208, 222, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 222, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 222, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 222, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 222,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1087, 0.3133, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 222, 206) }
```

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

```
.background{ background-color: rgb(208,  
222, 206) }
```

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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