

Converting Colors

$Yxy(70.5079, 0.3173, 0.3452)$

Have a look what the booklet for
Yxy(70.5079, 0.3173, 0.3452)
contains.

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Color

Yxy(70.5140, 0.3170, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	D6DDCF
RGB	214, 221, 207
RGB Percent	84%, 87%, 81%
CMY	0.1608, 0.1333, 0.1883
CMYK	0.03, 0.00, 0.06, 0.13
HSL	90°, 17%, 84%
HSV	90°, 6%, 87%
XYZ	64.8475, 70.5140, 69.2048
YIQ	217.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

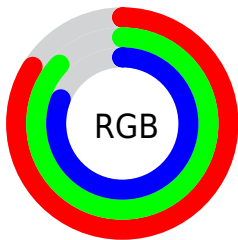
Format	Color
R _Y B	207, 221, 214
Decimal	14081487
CIE Lab	87.25, -4.86, 6.06
CIE LCh	87, 7.768, 128.772
Yxy	70.5140, 0.3170, 0.3447
Android (android.graphics.Color)	4292271567 (0xFFD6DDCF)
YUV	217.3110, -5.0833, -2.9037
Hunter-Lab	83.9726, -9.1062, 9.9179

Details

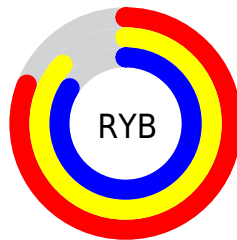
The Yxy color **70.5140, 0.3170, 0.3447** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1255, 0.3082, 0.3133**, and the grayscale version is **69.6484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9433, 0.3174, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **67.9066, 0.3237, 0.3712**, and if you desaturate by 10%, it is **73.3912, 0.3103, 0.3204**.

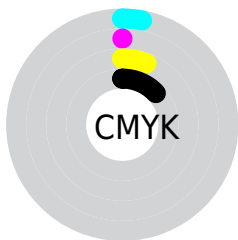
Distribution



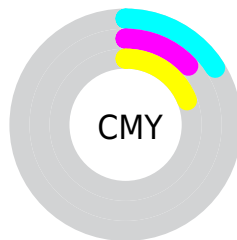
- Red (84%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5140, 0.3170, 0.3447 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 70.5140, 0.3170, 0.3447 by changing the saturation by 10% instead.

■ 70.5140, 0.3170,
0.3447

■ 70.5140, 0.3170,
0.3447

462.3527, 0.3150,
0.3373

■ 51.9457, 0.3174,
0.3464

119.9415, 0.3163,
0.3421

■ 36.9618, 0.3180,
0.3485

151.5694, 0.3161,
0.3411

■ 25.1779, 0.3187,
0.3513

188.3193, 0.3158,
0.3403

■ 16.2096, 0.3196,
0.3549

230.5756, 0.3156,
0.3395

■ 9.6726, 0.3208,
0.3599

278.7227, 0.3155,
0.3389

■ 5.1824, 0.3225,
0.3673

333.1450, 0.3153,

■ 2.3547, 0.3251,

0.3383

0.3794

394.2269, 0.3152,
0.3378

■ 0.8024, 0.3395,
0.4231

■ 0.0000, 0.0000,
0.0000

■ 70.5140, 0.3170,
0.3447

■ 70.5140, 0.3170,
0.3447

■ 67.9066, 0.3237,
0.3712

■ 73.3912, 0.3103,
0.3204

■ 65.5515, 0.3302,
0.3996

■ 76.5371, 0.3037,
0.2984

■ 63.4427, 0.3361,
0.4292

■ 78.7290, 0.3088,
0.2954

■ 61.5706, 0.3409,
0.4592

■ 80.1971, 0.3143,
0.2960

■ 59.9250, 0.3444,
0.4884

■ 58.4946, 0.3460,
0.5152

■ 57.2670, 0.3454,
0.5381

■ 56.2279, 0.3427,
0.5559

■ 55.3602, 0.3379,
0.5679

Harmonies

Analogous

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



70.5140, 0.3255, 0.3452



70.5140, 0.3170, 0.3447



70.5140, 0.3075, 0.3398

Triad

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



70.5140, 0.3170, 0.3447



70.5140, 0.2951, 0.3165



70.5140, 0.3261, 0.3260

Complementary

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



70.5140, 0.3170, 0.3447



64.1255, 0.3082, 0.3133

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.



70.5140, 0.3178, 0.3186



70.5140, 0.3170, 0.3447



70.5140, 0.3000, 0.3131

Square

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



70.5140, 0.3170, 0.3447



70.5140, 0.2949, 0.3233



70.5140, 0.3082, 0.3139



70.5140, 0.3308, 0.3342

Rectangle

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



70.5140, 0.3170, 0.3447



70.5140, 0.3018, 0.3347



70.5140, 0.3082, 0.3139



70.5140, 0.3237, 0.3233

Sweetspot

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



70.5170, 0.3170, 0.3447



99.1962, 0.3141, 0.3339



67.8466, 0.3228, 0.3366



21.2405, 0.3140, 0.3336



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.



70.5170, 0.3170, 0.3447



96.8746, 0.3182, 0.3491



69.5157, 0.3121, 0.3449



14.9250, 0.3191, 0.3526



32.0595, 0.3370, 0.5706



2.1282, 0.3494, 0.5608

Inverse Universe

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



64.1255, 0.3082, 0.3133



85.7813, 0.3069, 0.3089



65.1693, 0.3133, 0.3136



12.9348, 0.3059, 0.3054



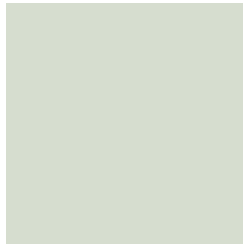
5.0376, 0.2026, 0.0890



0.3776, 0.2204, 0.0988

Previews

White Background



This preview shows how the Yxy color 70.5140, 0.3170, 0.3447 looks on a white background.

Color Contrast Check

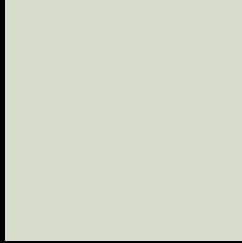
Large Text (above 18pt) WCAG AA × Fail

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 70.5140, 0.3170, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

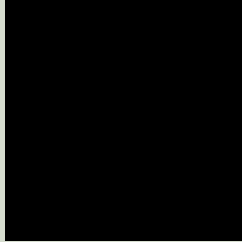
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

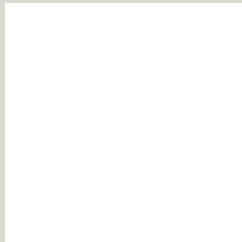
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5140, 0.3170, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 70.5140, 0.3170, 0.3447.



This preview shows how white text looks on a background with the Yxy color 70.5140, 0.3170, 0.3447.

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

70.5140, 0.3170, 0.3447

Protanopia

70.5581, 0.3267, 0.3433

Deuteranopia

70.2467, 0.3383, 0.3312



Tritanopia

70.4716, 0.3023, 0.3106

Trichromacy



Original Color

70.5140, 0.3170, 0.3447

Protanomaly

70.4914, 0.3229, 0.3434

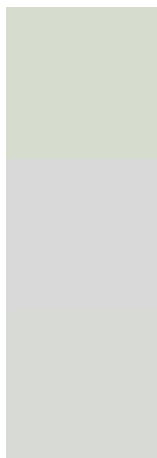
Deuteranomaly

70.3107, 0.3302, 0.3366

Tritanomaly

70.2763, 0.3080, 0.3224

Monochromacy



Original Color

70.5140, 0.3170, 0.3447

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5458, 0.3146, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5140, 0.3170, 0.3447 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(214, 221, 207) looks like.

```
.text, #text, p{  
    color:rgb(214, 221, 207)  
}
```

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(214, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 221, 207) }
```

Border

The CSS property to change the border of an element to Yxy 70.5140, 0.3170, 0.3447 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(214, 221, 207) }
```

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

```
.border{ border-color:rgb(214, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 221,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5140, 0.3170, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 221, 207) }
```

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

```
.background{ background-color: rgb(214,  
221, 207) }
```

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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