

Converting Colors

Yxy(69.7952, 0.3122, 0.3409)

Have a look what the booklet for
Yxy(69.7952, 0.3122, 0.3409)
contains.

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Color

Yxy(70.0677, 0.3121, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	D2DDD2
RGB	210, 221, 210
RGB Percent	82%, 87%, 82%
CMY	0.1767, 0.1332, 0.1765
CMYK	0.05, 0.00, 0.05, 0.13
HSL	120°, 14%, 85%
HSV	120°, 5%, 87%
XYZ	64.0543, 70.0677, 71.1144
YIQ	216.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

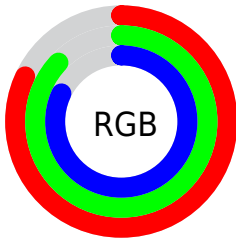
Format	Color
R_{YB}	210, 221, 221
Decimal	13819346
CIE Lab	87.03, -5.73, 4.11
CIE LCh	87, 7.050, 144.311
Yxy	70.0677, 0.3121, 0.3414
Android (android.graphics.Color)	4292009426 (0xFFD2DDD2)
YUV	216.4570, -3.1833, -5.6628
Hunter-Lab	83.7065, -9.8936, 8.2236

Details

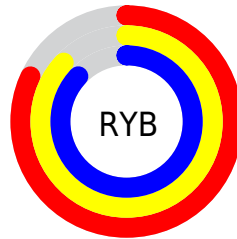
The Yxy color **70.0677, 0.3121, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6598, 0.3133, 0.3169**, and the grayscale version is **69.0166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7407, 0.3120, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **66.0261, 0.3107, 0.3688**, and if you desaturate by 10%, it is **74.7141, 0.3133, 0.3175**.

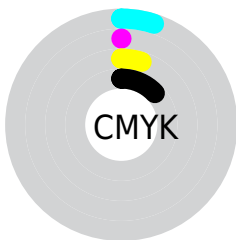
Distribution



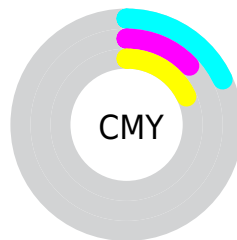
- Red (82%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0677, 0.3121, 0.3414 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 70.0677, 0.3121, 0.3414 by changing the saturation by 10% instead.

■ 70.0677, 0.3121,
0.3414

■ 70.0677, 0.3121,
0.3414

460.7877, 0.3124,
0.3356

■ 51.5817, 0.3120,
0.3428

119.3053, 0.3122,
0.3394

■ 36.6718, 0.3119,
0.3444

150.8257, 0.3123,
0.3386

■ 24.9535, 0.3118,
0.3466

187.4597, 0.3123,
0.3379

■ 16.0424, 0.3116,
0.3495

229.5917, 0.3123,
0.3373

■ 9.5542, 0.3113,
0.3535

277.6061, 0.3124,
0.3368

■ 5.1044, 0.3109,
0.3594

331.8873, 0.3124,

■ 2.3086, 0.3101,

0.3363

0.3690

392.8197, 0.3124,
0.3359

0.7783, 0.3096,
0.4016

0.0000, 0.0000,
0.0000

70.0677, 0.3121,
0.3414

70.0677, 0.3121,
0.3414

66.0261, 0.3107,
0.3688

74.7141, 0.3133,
0.3175

62.5559, 0.3092,
0.3996

79.9793, 0.3143,
0.2969

59.6341, 0.3076,
0.4333

80.2047, 0.3143,
0.2960

57.2327, 0.3059,
0.4689

■ 55.3211, 0.3042,
0.5046

■ 53.8657, 0.3027,
0.5376

■ 52.8284, 0.3014,
0.5654

■ 52.1653, 0.3005,
0.5854

■ 51.8224, 0.3001,
0.5966

Harmonies

Analogous

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



70.0677, 0.3206, 0.3440



70.0677, 0.3121, 0.3414



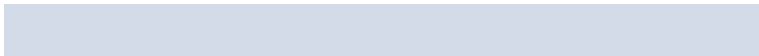
70.0677, 0.3039, 0.3353

Triad

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



70.0677, 0.3121, 0.3414



70.0677, 0.2985, 0.3156



70.0677, 0.3276, 0.3302

Complementary

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



70.0677, 0.3121, 0.3414



66.6598, 0.3133, 0.3169

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.



70.0677, 0.3216, 0.3228



70.0677, 0.3121, 0.3414



70.0677, 0.3047, 0.3144

Square

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



70.0677, 0.3121, 0.3414



70.0677, 0.2961, 0.3203



70.0677, 0.3132, 0.3171



70.0677, 0.3297, 0.3374

Rectangle

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



70.0677, 0.3121, 0.3414



70.0677, 0.2996, 0.3302



70.0677, 0.3132, 0.3171



70.0677, 0.3260, 0.3276

Sweetspot

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



70.0707, 0.3121, 0.3414



98.7228, 0.3125, 0.3339



71.7507, 0.3201, 0.3412



21.1441, 0.3125, 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.



70.0707, 0.3121, 0.3414



96.2702, 0.3120, 0.3441



70.3491, 0.3085, 0.3352



14.8592, 0.3119, 0.3455



30.0424, 0.2999, 0.5997



1.9466, 0.2997, 0.5988

Inverse Universe

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



66.6598, 0.3133, 0.3169



90.6194, 0.3134, 0.3144



66.3718, 0.3171, 0.3229



13.9078, 0.3135, 0.3130



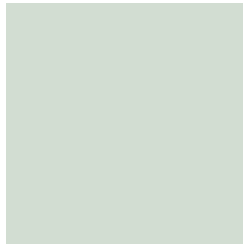
11.9333, 0.3220, 0.1548



0.7734, 0.3218, 0.1546

Previews

White Background



This preview shows how the Yxy color 70.0677, 0.3121, 0.3414 looks on a white background.

Color Contrast Check

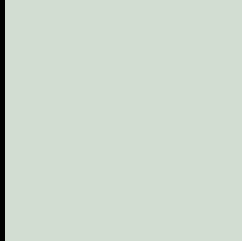
Large Text (above 18pt) WCAG AA × Fail

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 70.0677, 0.3121, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

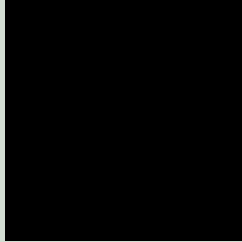
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

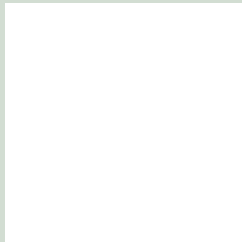
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0677, 0.3121, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 70.0677, 0.3121, 0.3414.

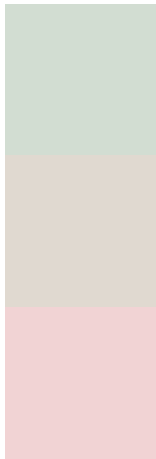


This preview shows how white text looks on a background with the Yxy color 70.0677, 0.3121, 0.3414.

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**

70.0677, 0.3121, 0.3414

Protanopia

70.0271, 0.3240, 0.3389

Deuteranopia

70.0428, 0.3346, 0.3280



Tritanopia

69.9200, 0.2989, 0.3094

Trichromacy



Original Color

70.0677, 0.3121, 0.3414

Protanomaly

69.8063, 0.3195, 0.3390

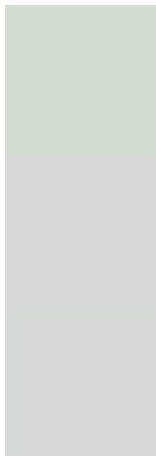
Deuteranomaly

70.1270, 0.3265, 0.3334

Tritanomaly

69.7799, 0.3039, 0.3202

Monochromacy



Original Color

70.0677, 0.3121, 0.3414

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.2940, 0.3125, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0677, 0.3121, 0.3414 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(210, 221, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 221, 210)  
}
```

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(210, 221, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 221, 210) }
```

Border

The CSS property to change the border of an element to Yxy 70.0677, 0.3121, 0.3414 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(210, 221, 210) }
```

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

```
.border{ border-color:rgb(210, 221, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 221, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 221, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 221, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 221,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0677, 0.3121, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 221, 210) }
```

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

```
.background{ background-color: rgb(210,  
221, 210) }
```

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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