

Converting Colors

Yxy(69.7808, 0.3123, 0.3429)

Have a look what the booklet for
Yxy(69.7808, 0.3123, 0.3429)
contains.

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Color

Yxy(69.8717, 0.3121, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	D1DDD1
RGB	209, 221, 209
RGB Percent	82%, 87%, 82%
CMY	0.1802, 0.1334, 0.1803
CMYK	0.05, 0.00, 0.05, 0.13
HSL	120°, 15%, 84%
HSV	120°, 5%, 87%
XYZ	63.6699, 69.8717, 70.4633
YIQ	216.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

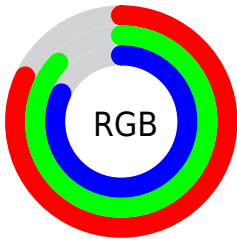
Format	Color
R _Y B	209, 221, 221
Decimal	13753809
CIE Lab	86.93, -6.19, 4.48
CIE LCh	87, 7.640, 144.116
Yxy	69.8717, 0.3121, 0.3425
Android (android.graphics.Color)	4291943889 (0xFFD1DDD1)
YUV	216.0440, -3.4727, -6.1776
Hunter-Lab	83.5893, -10.3178, 8.5328

Details

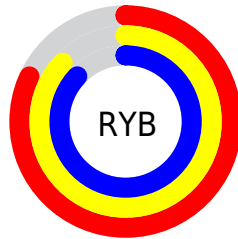
The Yxy color **69.8717, 0.3121, 0.3425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1971, 0.3133, 0.3159**, and the grayscale version is **68.7332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6076, 0.3120, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **65.8565, 0.3108, 0.3701**, and if you desaturate by 10%, it is **74.4900, 0.3132, 0.3184**.

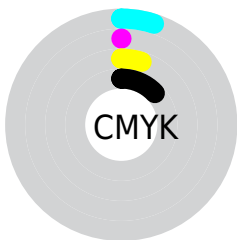
Distribution



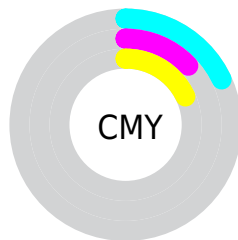
- Red (82%)
- Green (87%)
- Blue (82%)



- 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 69.8717, 0.3121, 0.3425 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 69.8717, 0.3121, 0.3425 by changing the saturation by 10% instead.

■ 69.8717, 0.3121,
0.3425

■ 69.8717, 0.3121,
0.3425

460.0994, 0.3124,
0.3362

■ 51.4219, 0.3120,
0.3440

119.0258, 0.3122,
0.3403

■ 36.5445, 0.3119,
0.3458

150.4989, 0.3123,
0.3394

■ 24.8550, 0.3118,
0.3482

187.0819, 0.3123,
0.3387

■ 15.9691, 0.3116,
0.3513

229.1592, 0.3123,
0.3380

■ 9.5023, 0.3113,
0.3557

277.1152, 0.3124,
0.3375

■ 5.0702, 0.3108,
0.3622

331.3343, 0.3124,

■ 2.2885, 0.3100,

0.3370

392.2009, 0.3124,
0.3365

0.3728

0.7676, 0.3095,
0.4107

0.0000, 0.0000,
0.0000

69.8717, 0.3121,
0.3425

69.8717, 0.3121,
0.3425

65.8565, 0.3108,
0.3701

74.4900, 0.3132,
0.3184

62.4111, 0.3094,
0.4012

79.7255, 0.3141,
0.2975

59.5124, 0.3078,
0.4352

80.1888, 0.3143,
0.2960

57.1324, 0.3062,
0.4709

■ 55.2403, 0.3045,
0.5066

■ 53.8025, 0.3030,
0.5395

■ 52.7809, 0.3017,
0.5669

■ 52.1312, 0.3007,
0.5864

■ 51.7991, 0.3002,
0.5971

Harmonies

Analogous

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



69.8717, 0.3213, 0.3453



69.8717, 0.3121, 0.3425



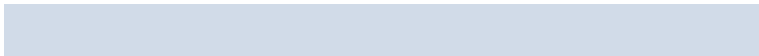
69.8717, 0.3032, 0.3359

Triad

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



69.8717, 0.3121, 0.3425



69.8717, 0.2973, 0.3144



69.8717, 0.3289, 0.3302

Complementary

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



69.8717, 0.3121, 0.3425



66.1971, 0.3133, 0.3159

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.



69.8717, 0.3223, 0.3222



69.8717, 0.3121, 0.3425



69.8717, 0.3040, 0.3132

Square

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



69.8717, 0.3121, 0.3425



69.8717, 0.2947, 0.3196



69.8717, 0.3131, 0.3160



69.8717, 0.3311, 0.3380

Rectangle

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



69.8717, 0.3121, 0.3425



69.8717, 0.2985, 0.3303



69.8717, 0.3131, 0.3160



69.8717, 0.3271, 0.3275

Sweetspot

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



69.8747, 0.3121, 0.3425



98.7233, 0.3125, 0.3339



71.5788, 0.3207, 0.3420



21.1442, 0.3125, 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.



69.8747, 0.3121, 0.3425



95.6798, 0.3119, 0.3468



70.1631, 0.3083, 0.3359



14.7744, 0.3118, 0.3481



30.0431, 0.3000, 0.6000



1.9468, 0.3002, 0.5998

Inverse Universe

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



66.1971, 0.3133, 0.3159



89.1284, 0.3135, 0.3118



65.8977, 0.3174, 0.3222



13.6933, 0.3136, 0.3106



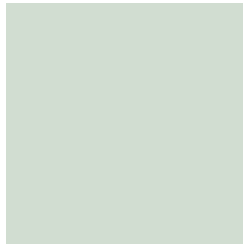
11.9222, 0.3204, 0.1539



0.7728, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 69.8717, 0.3121, 0.3425 looks on a white background.

Color Contrast Check

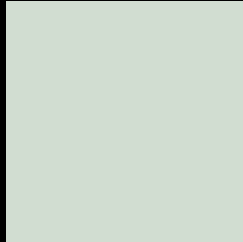
Large Text (above 18pt) WCAG AA × Fail

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 69.8717, 0.3121, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

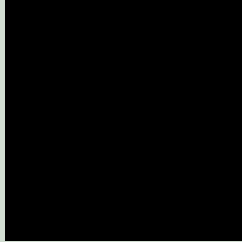
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

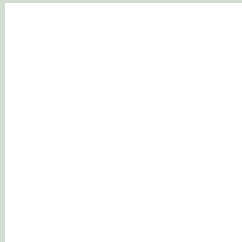
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8717, 0.3121, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 69.8717, 0.3121, 0.3425.

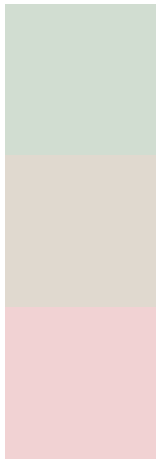


This preview shows how white text looks on a background with the Yxy color 69.8717, 0.3121, 0.3425.

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

69.8717, 0.3121, 0.3425

Protanopia

69.9780, 0.3246, 0.3400

Deuteranopia

69.4971, 0.3355, 0.3280



Tritanopia

69.7124, 0.2988, 0.3104

Trichromacy



Original Color

69.8717, 0.3121, 0.3425

Protanomaly

69.7569, 0.3202, 0.3401

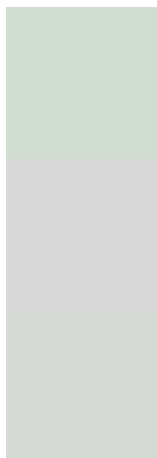
Deuteranomaly

69.4043, 0.3266, 0.3334

Tritanomaly

69.5761, 0.3039, 0.3212

Monochromacy



Original Color

69.8717, 0.3121, 0.3425

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0930, 0.3125, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8717, 0.3121, 0.3425 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(209, 221, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 221, 209)  
}
```

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(209, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 221, 209) }
```

Border

The CSS property to change the border of an element to Yxy 69.8717, 0.3121, 0.3425 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(209, 221, 209) }
```

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

```
.border{ border-color:rgb(209, 221, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 221,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8717, 0.3121, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 221, 209) }
```

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

```
.background{ background-color: rgb(209,  
221, 209) }
```

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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