

Converting Colors

Yxy(67.1609, 0.3101, 0.3393)

Have a look what the booklet for
Yxy(67.1609, 0.3101, 0.3393)
contains.

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Color

Yxy(67.1589, 0.3101, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	CDD9D0
RGB	205, 217, 208
RGB Percent	80%, 85%, 82%
CMY	0.1960, 0.1490, 0.1843
CMYK	0.06, 0.00, 0.04, 0.15
HSL	135°, 14%, 83%
HSV	135°, 6%, 85%
XYZ	61.3792, 67.1589, 69.3956
YIQ	212.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

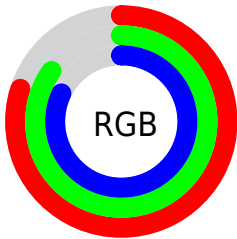
Format	Color
R_{YB}	205, 215, 217
Decimal	13490640
CIE Lab	85.58, -5.68, 3.03
CIE LCh	86, 6.440, 151.940
Yxy	67.1589, 0.3101, 0.3393
Android (android.graphics.Color)	4291680720 (0xFFCDD9D0)
YUV	212.3860, -2.1623, -6.4775
Hunter-Lab	81.9505, -9.7207, 7.1587

Details

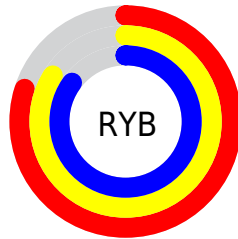
The Yxy color **67.1589, 0.3101, 0.3393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2844, 0.3154, 0.3189**, and the grayscale version is **66.1291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7531, 0.3093, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **63.5234, 0.3053, 0.3599**, and if you desaturate by 10%, it is **71.3109, 0.3148, 0.3212**.

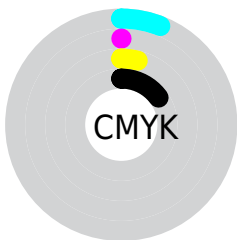
Distribution



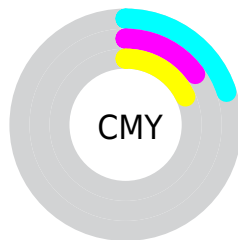
- Red (80%)
- Green (85%)
- Blue (82%)



- Red (80%)
- Yellow (84%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1589, 0.3101, 0.3393 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 67.1589, 0.3101, 0.3393 by changing the saturation by 10% instead.

■ 67.1589, 0.3101,
0.3393

■ 67.1589, 0.3101,
0.3393

450.5102, 0.3114,
0.3344

■ 49.2138, 0.3098,
0.3404

115.1481, 0.3105,
0.3376

■ 34.7891, 0.3094,
0.3419

145.9609, 0.3107,
0.3369

■ 23.5005, 0.3090,
0.3437

181.8318, 0.3109,
0.3364

■ 14.9635, 0.3083,
0.3461

223.1450, 0.3110,
0.3359

■ 8.7938, 0.3074,
0.3496

270.2851, 0.3111,
0.3354

■ 4.6069, 0.3061,
0.3547

323.6364, 0.3112,

■ 2.0185, 0.3038,

0.3351

0.3632

383.5833, 0.3113,
0.3347

0.6182, 0.2937,
0.4045

0.0000, 0.0000,
0.0000

67.1589, 0.3101,
0.3393

67.1589, 0.3101,
0.3393

63.5234, 0.3053,
0.3599

71.3109, 0.3148,
0.3212

60.3758, 0.3007,
0.3829

75.9897, 0.3194,
0.3053

57.6976, 0.2963,
0.4083

78.1050, 0.3145,
0.2920

55.4660, 0.2926,
0.4357

■ 53.6559, 0.2897,
0.4642

■ 52.2402, 0.2879,
0.4929

■ 51.1880, 0.2876,
0.5203

■ 50.4640, 0.2887,
0.5448

■ 50.0251, 0.2912,
0.5651

Harmonies

Analogous

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



67.1589, 0.3181, 0.3426



67.1589, 0.3101, 0.3393



67.1589, 0.3028, 0.3331

Triad

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



67.1589, 0.3101, 0.3393



67.1589, 0.3007, 0.3159



67.1589, 0.3274, 0.3319

Complementary

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



67.1589, 0.3101, 0.3393



63.2844, 0.3154, 0.3189

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.



67.1589, 0.3226, 0.3249



67.1589, 0.3101, 0.3393



67.1589, 0.3072, 0.3158

Square

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



67.1589, 0.3101, 0.3393



67.1589, 0.2975, 0.3196



67.1589, 0.3152, 0.3191



67.1589, 0.3282, 0.3382

Rectangle

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



67.1589, 0.3101, 0.3393



67.1589, 0.2994, 0.3283



67.1589, 0.3152, 0.3191



67.1589, 0.3262, 0.3295

Sweetspot

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



67.1618, 0.3101, 0.3393



98.8008, 0.3118, 0.3327



68.3613, 0.3188, 0.3425



21.1600, 0.3118, 0.3325



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.



67.1618, 0.3101, 0.3393



95.9352, 0.3094, 0.3423



67.4533, 0.3063, 0.3326



14.8164, 0.3091, 0.3433



30.2146, 0.2918, 0.5705



1.9712, 0.2829, 0.5385

Inverse Universe

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



63.2844, 0.3154, 0.3189



88.8540, 0.3162, 0.3160



62.9925, 0.3196, 0.3254



13.6479, 0.3165, 0.3151



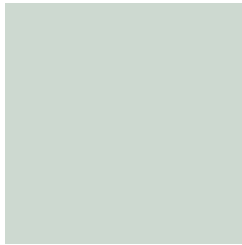
10.5546, 0.3950, 0.1950



0.6972, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 67.1589, 0.3101, 0.3393 looks on a white background.

Color Contrast Check

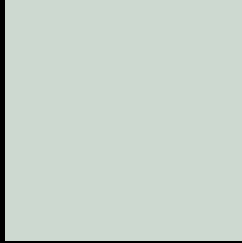
Large Text (above 18pt) WCAG AA × Fail

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 67.1589, 0.3101, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

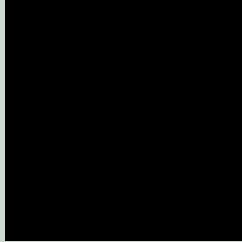
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

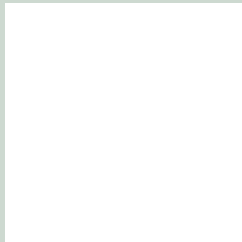
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1589, 0.3101, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 67.1589, 0.3101, 0.3393.

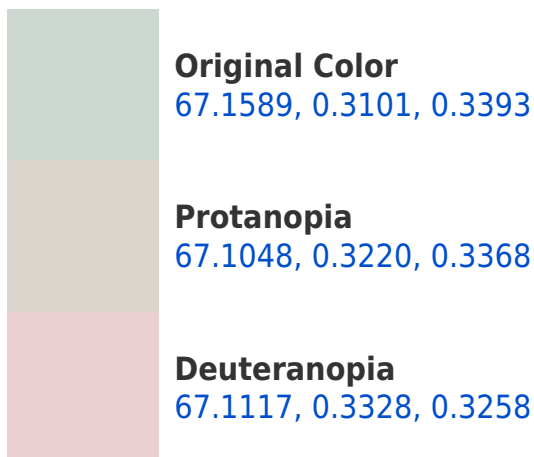


This preview shows how white text looks on a background with the Yxy color 67.1589, 0.3101, 0.3393.

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

67.4180, 0.2979, 0.3101

Trichromacy



Original Color

67.1589, 0.3101, 0.3393

Protanomaly

66.8943, 0.3175, 0.3369

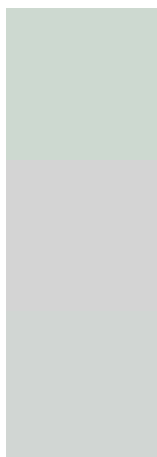
Deuteranomaly

67.1995, 0.3246, 0.3312

Tritanomaly

67.3385, 0.3024, 0.3200

Monochromacy



Original Color

67.1589, 0.3101, 0.3393

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3516, 0.3111, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1589, 0.3101, 0.3393 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(205, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(205, 217, 208)  
}
```

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(205, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 217, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.1589, 0.3101, 0.3393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

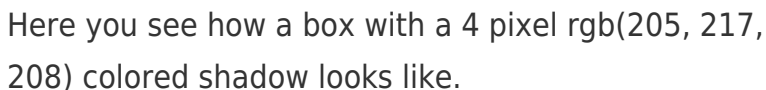
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 217, 208) }
```

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

```
.border{ border-color:rgb(205, 217, 208) }
```

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



Here you see how a box with a 4 pixel rgb(205, 217, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(205, 217,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1589, 0.3101, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 217, 208) }
```

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

```
.background{ background-color: rgb(205,  
217, 208) }
```

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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