

Converting Colors

Yxy(68.7972, 0.3081, 0.3486)

Have a look what the booklet for
Yxy(68.7972, 0.3081, 0.3486)
contains.

Yxy(68.9297, 0.3083, 0.3486)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.9297, 0.3083, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	C8DECD
RGB	200, 222, 205
RGB Percent	78%, 87%, 80%
CMY	0.2156, 0.1294, 0.1961
CMYK	0.10, 0.00, 0.08, 0.13
HSL	134°, 25%, 83%
HSV	134°, 10%, 87%
XYZ	60.9611, 68.9297, 67.8422
YIQ	213.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

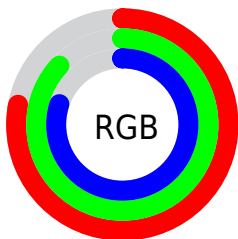
Format	Color
R _Y B	200, 218, 222
Decimal	13164237
CIE Lab	86.47, -10.48, 5.85
CIE LCh	86, 12.003, 150.836
Yxy	68.9297, 0.3083, 0.3486
Android (android.graphics.Color)	4291354317 (0xFFC8DECD)
YUV	213.4840, -4.1826, -11.8255
Hunter-Lab	83.0239, -14.2266, 9.6685

Details

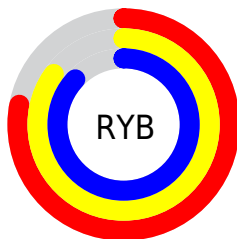
The Yxy color **68.9297, 0.3083, 0.3486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8551, 0.3175, 0.3102**, and the grayscale version is **66.9153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9828, 0.3070, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **65.3099, 0.3038, 0.3709**, and if you desaturate by 10%, it is **73.0902, 0.3128, 0.3288**.

Distribution



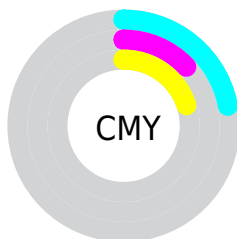
- Red (78%)
- Green (87%)
- Blue (80%)



- Red (78%)
- Yellow (85%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9297, 0.3083, 0.3486 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 68.9297, 0.3083, 0.3486 by changing the saturation by 10% instead.

■ 68.9297, 0.3083,
0.3486

■ 68.9297, 0.3083,
0.3486

456.7830, 0.3104,
0.3393

■ 50.6545, 0.3078,
0.3508

117.6812, 0.3091,
0.3453

■ 35.9337, 0.3071,
0.3535

148.9262, 0.3093,
0.3441

■ 24.3830, 0.3063,
0.3570

185.2632, 0.3096,
0.3430

■ 15.6180, 0.3052,
0.3617

227.0767, 0.3098,
0.3421

■ 9.2542, 0.3036,
0.3683

274.7510, 0.3100,
0.3412

■ 4.9074, 0.3011,
0.3781


328.6706, 0.3102,

■ 2.1930, 0.2969,


0.3405

389.2198, 0.3103,
0.3399


0.3946

 0.7162, 0.2810,
0.4737


 0.0000, 0.0000,
0.0000


 68.9297, 0.3083,
0.3486


 68.9297, 0.3083,
0.3486

 65.3099, 0.3038,
0.3709


 73.0902, 0.3128,
0.3288

 62.2001, 0.2996,
0.3958

 77.8034, 0.3171,
0.3115

 59.5798, 0.2956,
0.4229

 80.7244, 0.3142,
0.2970

 57.4234, 0.2924,
0.4517

■ 55.7034, 0.2901,
0.4812

■ 54.3891, 0.2890,
0.5100

■ 53.4456, 0.2893,
0.5366

■ 52.8320, 0.2910,
0.5592

■ 52.4796, 0.2936,
0.5768

Harmonies

Analogous

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



68.9297, 0.3231, 0.3546



68.9297, 0.3083, 0.3486



68.9297, 0.2949, 0.3370

Triad

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



68.9297, 0.3083, 0.3486



68.9297, 0.2903, 0.3051



68.9297, 0.3398, 0.3336

Complementary

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



68.9297, 0.3083, 0.3486



61.8551, 0.3175, 0.3102

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.



68.9297, 0.3306, 0.3210



68.9297, 0.3083, 0.3486



68.9297, 0.3019, 0.3047

Square

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



68.9297, 0.3083, 0.3486



68.9297, 0.2847, 0.3118



68.9297, 0.3167, 0.3105



68.9297, 0.3415, 0.3454

Rectangle

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



68.9297, 0.3083, 0.3486



68.9297, 0.2885, 0.3279



68.9297, 0.3167, 0.3105



68.9297, 0.3375, 0.3293

Sweetspot

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



68.9326, 0.3083, 0.3486



98.2025, 0.3114, 0.3347



71.2033, 0.3239, 0.3536



20.9190, 0.3110, 0.3363



0.0000, 0.0000, 0.0000



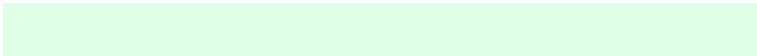
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9326, 0.3083, 0.3486



93.2193, 0.3073, 0.3533



69.4714, 0.3014, 0.3361



15.3878, 0.3085, 0.3476



31.1831, 0.2930, 0.5748



2.1750, 0.2849, 0.5456

Inverse Universe

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



61.8551, 0.3175, 0.3102



81.5684, 0.3186, 0.3059



61.3121, 0.3254, 0.3220



13.8798, 0.3172, 0.3110



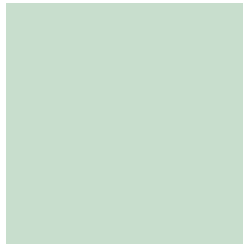
11.0052, 0.3877, 0.1910



0.7760, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 68.9297, 0.3083, 0.3486 looks on a white background.

Color Contrast Check

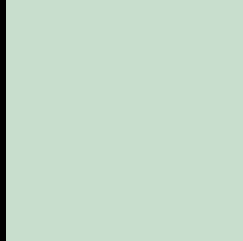
Large Text (above 18pt) WCAG AA × Fail

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 68.9297, 0.3083, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

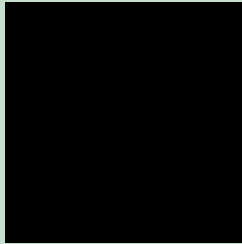
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

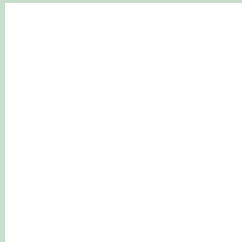
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9297, 0.3083, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 68.9297, 0.3083, 0.3486.



This preview shows how white text looks on a background with the Yxy color 68.9297, 0.3083, 0.3486.

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

68.9297, 0.3083, 0.3486

Protanopia

68.5059, 0.3283, 0.3446

Deuteranopia

68.6803, 0.3371, 0.3301



Tritanopia

69.1201, 0.2928, 0.3101

Trichromacy



Original Color

68.9297, 0.3083, 0.3486

Protanomaly

68.8541, 0.3213, 0.3470

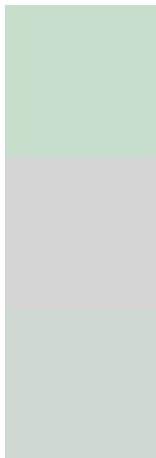
Deuteranomaly

68.6057, 0.3257, 0.3367

Tritanomaly

68.7414, 0.2983, 0.3233

Monochromacy



Original Color

68.9297, 0.3083, 0.3486

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.1748, 0.3109, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9297, 0.3083, 0.3486 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(200, 222, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 222, 205)  
}
```

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(200, 222, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 222, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.9297, 0.3083, 0.3486 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(200, 222, 205) }
```

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

```
.border{ border-color:rgb(200, 222, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 222, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 222, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 222, 205); box-shadow:4px 4px 4px 4px rgb(200, 222, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9297, 0.3083, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 222, 205) }
```

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

```
.background{ background-color: rgb(200,  
222, 205) }
```

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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