

Converting Colors

Yxy(67.3444, 0.3171, 0.3781)

Have a look what the booklet for
Yxy(67.3444, 0.3171, 0.3781)
contains.

Yxy(67.3592, 0.3174, 0.3780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.3592, 0.3174, 0.3780)

Conversions

Conversions Part 1

Format	Color
Hex	C0DFB6
RGB	192, 223, 182
RGB Percent	75%, 87%, 71%
CMY	0.2473, 0.1254, 0.2862
CMYK	0.14, 0.00, 0.18, 0.13
HSL	105°, 39%, 79%
HSV	105°, 18%, 87%
XYZ	56.5603, 67.3592, 54.2794
YIQ	209.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

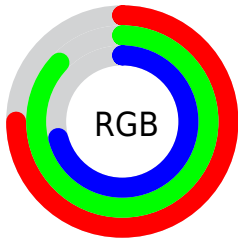
Format	Color
RYB	182, 223, 213
Decimal	12640182
CIELab	85.69, -17.74, 16.74
CIElCh	86, 24.387, 136.663
Yxy	67.3592, 0.3174, 0.3780
Android (android.graphics.Color)	4290830262 (0xFFC0DFB6)
YUV	209.0570, -13.3391, -14.9590
Hunter-Lab	82.0727, -20.6139, 18.2389

Details

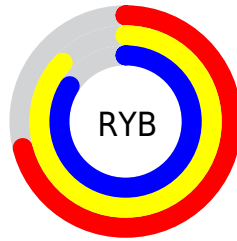
The Yxy color **67.3592, 0.3174, 0.3780** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.9446, 0.3068, 0.2824**, and the grayscale version is **63.8873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8328, 0.3188, 0.3456**, and **34.9935, 0.3180, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **64.4326, 0.3195, 0.4085**, and if you desaturate by 10%, it is **70.6915, 0.3149, 0.3502**.

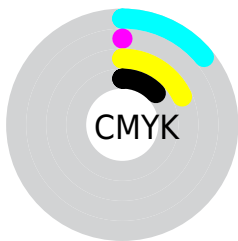
Distribution



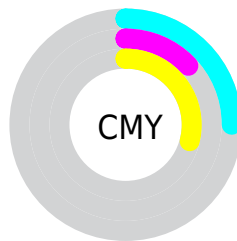
- Red (75%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (25%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3592, 0.3174, 0.3780 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 67.3592, 0.3174, 0.3780 by changing the saturation by 10% instead.


 67.3592, 0.3174,
0.3780

 67.3592, 0.3174,
0.3780


451.2223, 0.3156,
0.3543

 49.3766, 0.3177,
0.3837


 115.4350, 0.3168,
0.3696

 34.9183, 0.3181,
0.3908


146.2969, 0.3166,
0.3664

 23.6000, 0.3184,
0.4000


182.2207, 0.3164,
0.3636

 15.0371, 0.3187,
0.4125

223.5909, 0.3162,
0.3613

 8.8455, 0.3188,
0.4302

270.7917, 0.3160,
0.3592

 4.6405, 0.3181,
0.4572

324.2076, 0.3158,

 2.0379, 0.3163,

0.3574

384.2230, 0.3157,
0.3558

0.5051

0.6294, 0.2079,
0.7921

0.0000, 0.0000,
0.0000

67.3592, 0.3174,
0.3780

67.3592, 0.3174,
0.3780

64.4326, 0.3195,
0.4085

70.6915, 0.3149,
0.3502

61.8877, 0.3211,
0.4410

74.4356, 0.3123,
0.3252

59.7108, 0.3219,
0.4744

78.6080, 0.3096,
0.3030

57.8841, 0.3217,
0.5071

81.2644, 0.3142,
0.2980

■ 56.3885, 0.3203,
0.5370

■ 55.2025, 0.3176,
0.5619

■ 54.3021, 0.3139,
0.5802

■ 53.6561, 0.3096,
0.5914

■ 53.5707, 0.3090,
0.5929

Harmonies

Analogous

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



67.3592, 0.3464, 0.3825



67.3592, 0.3174, 0.3780



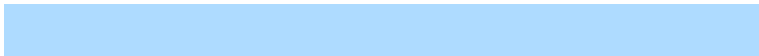
67.3592, 0.2881, 0.3582

Triad

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



67.3592, 0.3174, 0.3780



67.3592, 0.2607, 0.2851



67.3592, 0.3613, 0.3253

Complementary

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



67.3592, 0.3174, 0.3780



52.9446, 0.3068, 0.2824

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.



67.3592, 0.3363, 0.3021



67.3592, 0.3174, 0.3780



67.3592, 0.2783, 0.2792

Square

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



67.3592, 0.3174, 0.3780



67.3592, 0.2563, 0.3031



67.3592, 0.3057, 0.2856



67.3592, 0.3726, 0.3504

Rectangle

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



67.3592, 0.3174, 0.3780



67.3592, 0.2722, 0.3397



67.3592, 0.3057, 0.2856



67.3592, 0.3541, 0.3171

Sweetspot

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



67.3621, 0.3174, 0.3780



96.9211, 0.3143, 0.3440



66.5384, 0.3422, 0.3637



20.6761, 0.3145, 0.3457



0.0000, 0.0000, 0.0000



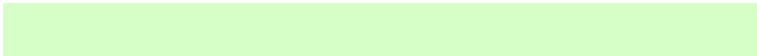
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3621, 0.3174, 0.3780



89.7107, 0.3183, 0.3892



66.5476, 0.3039, 0.3662



15.4969, 0.3152, 0.3530



31.5374, 0.3098, 0.5922



2.2273, 0.3206, 0.5836

Inverse Universe

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



52.9446, 0.3068, 0.2824



66.7917, 0.3053, 0.2724



53.9416, 0.3229, 0.2945



13.7595, 0.3099, 0.3056



8.1426, 0.2604, 0.1208



0.6050, 0.2702, 0.1262

Previews

White Background



This preview shows how the Yxy color 67.3592, 0.3174, 0.3780 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 67.3592, 0.3174, 0.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

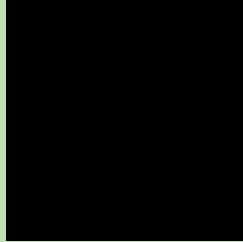
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

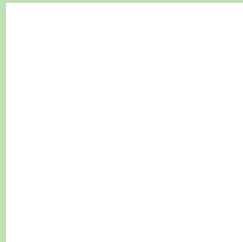
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3592, 0.3174, 0.3780

Background



This preview shows how black text looks on a background with the Yxy color 67.3592, 0.3174, 0.3780.

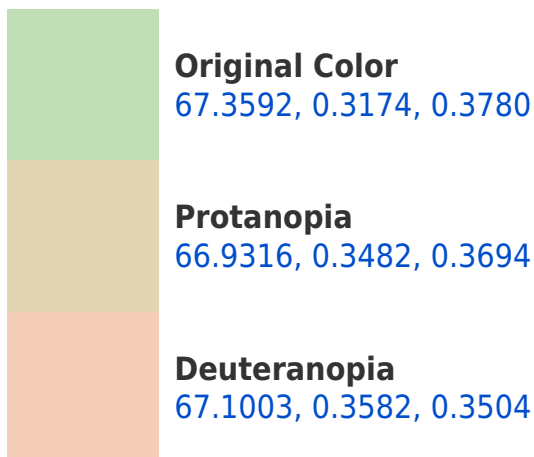


This preview shows how white text looks on a background with the Yxy color 67.3592, 0.3174, 0.3780.

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

67.2743, 0.2906, 0.3099

Trichromacy



Original Color

67.3592, 0.3174, 0.3780

Protanomaly

67.1765, 0.3366, 0.3726

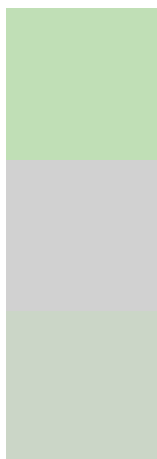
Deuteranomaly

66.7585, 0.3426, 0.3592

Tritanomaly

67.3884, 0.3005, 0.3347

Monochromacy



Original Color

67.3592, 0.3174, 0.3780

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.9132, 0.3148, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3592, 0.3174, 0.3780 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(192, 223, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 223, 182)  
}
```

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(192, 223, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 223, 182) }
```

Border

The CSS property to change the border of an element to Yxy 67.3592, 0.3174, 0.3780 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(192, 223, 182) }
```

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

```
.border{ border-color:rgb(192, 223, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 223, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 223, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 223, 182); box-shadow:4px 4px 4px 4px rgb(192, 223, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3592, 0.3174, 0.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 223, 182) }
```

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

```
.background{ background-color: rgb(192,  
223, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor