

Converting Colors

$Yxy(66.7546, 0.3174, 0.3672)$

Have a look what the booklet for
Yxy(66.7546, 0.3174, 0.3672)
contains.

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Color

Yxy(66.6876, 0.3174, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	C5DCBC
RGB	197, 220, 188
RGB Percent	77%, 86%, 74%
CMY	0.2273, 0.1373, 0.2627
CMYK	0.10, 0.00, 0.15, 0.14
HSL	103°, 31%, 80%
HSV	103°, 15%, 86%
XYZ	57.7062, 66.6876, 57.4153
YIQ	209.4750, -3.4360, -14.8280

Conversions

Conversions Part 2

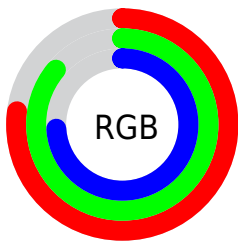
Format	Color
RYB	188, 220, 211
Decimal	12967100
CIELab	85.35, -13.45, 13.16
CIELCh	85, 18.817, 135.646
Yxy	66.6876, 0.3174, 0.3668
Android (android.graphics.Color)	4291157180 (0xFFC5DCBC)
YUV	209.4750, -10.5872, -10.9406
Hunter-Lab	81.6625, -16.7735, 15.4781

Details

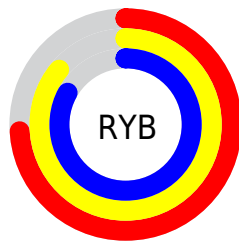
The Yxy color **66.6876, 0.3174, 0.3668** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.9833, 0.3072, 0.2924**, and the grayscale version is **64.1660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1225, 0.3185, 0.3396**, and **34.4992, 0.3180, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **63.7914, 0.3203, 0.3961**, and if you desaturate by 10%, it is **69.9574, 0.3142, 0.3402**.

Distribution



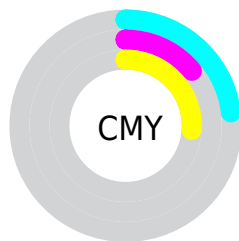
- Red (77%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)




- Cyan (23%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6876, 0.3174, 0.3668 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 66.6876, 0.3174, 0.3668 by changing the saturation by 10% instead.

 66.6876, 0.3174,
0.3668

 66.6876, 0.3174,
0.3668

448.8320, 0.3154,
0.3486

 48.8308, 0.3178,
0.3711

 114.4727, 0.3167,
0.3604

 34.4853, 0.3183,
0.3766


145.1697, 0.3165,
0.3579

 23.2666, 0.3188,
0.3836


180.9156, 0.3162,
0.3558

 14.7905, 0.3195,
0.3931

222.0948, 0.3160,
0.3540

 8.6725, 0.3202,
0.4066

269.0916, 0.3159,
0.3524

 4.5282, 0.3208,
0.4271

322.2905, 0.3157,

 1.9732, 0.3205,

0.3510

0.4618


382.0758, 0.3155,
0.3497


 0.5918, 0.2834,
0.7166


 0.0000, 0.0000,
0.0000


 66.6876, 0.3174,
0.3668


 66.6876, 0.3174,
0.3668

 63.7914, 0.3203,
0.3961


 69.9574, 0.3142,
0.3402


 61.2467, 0.3228,
0.4275

 73.6048, 0.3109,
0.3163

 59.0423, 0.3245,
0.4602

 77.6447, 0.3076,
0.2951

 57.1630, 0.3251,
0.4929

 79.6624, 0.3143,
0.2950

■ 55.5923, 0.3245,
0.5236

■ 54.3121, 0.3225,
0.5504

■ 53.3022, 0.3190,
0.5713

■ 52.5393, 0.3145,
0.5852

■ 52.2107, 0.3120,
0.5905

Harmonies

Analogous

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



66.6876, 0.3397, 0.3701



66.6876, 0.3174, 0.3668



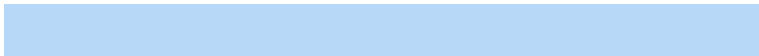
66.6876, 0.2945, 0.3521

Triad

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



66.6876, 0.3174, 0.3668



66.6876, 0.2717, 0.2953



66.6876, 0.3497, 0.3257

Complementary

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



66.6876, 0.3174, 0.3668



54.9833, 0.3072, 0.2924

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.



66.6876, 0.3303, 0.3074



66.6876, 0.3174, 0.3668



66.6876, 0.2854, 0.2900

Square

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



66.6876, 0.3174, 0.3668



66.6876, 0.2687, 0.3098



66.6876, 0.3067, 0.2946



66.6876, 0.3589, 0.3454

Rectangle

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



66.6876, 0.3174, 0.3668



66.6876, 0.2818, 0.3382



66.6876, 0.3067, 0.2946



66.6876, 0.3441, 0.3192

Sweetspot

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



66.6905, 0.3174, 0.3668



97.9985, 0.3140, 0.3389



65.4009, 0.3358, 0.3550



20.8972, 0.3143, 0.3408



0.0000, 0.0000, 0.0000



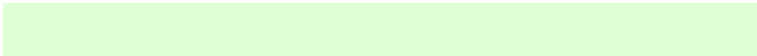
21.4041, 0.3127, 0.3290

Same Dimension

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



66.6905, 0.3174, 0.3668



92.0859, 0.3182, 0.3742



65.8134, 0.3064, 0.3590



14.7834, 0.3158, 0.3529



30.6930, 0.3129, 0.5897



2.0315, 0.3251, 0.5801

Inverse Universe

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



54.9833, 0.3072, 0.2924



73.1437, 0.3060, 0.2856



55.9949, 0.3197, 0.3008



13.0805, 0.3093, 0.3056



7.3499, 0.2508, 0.1155



0.5188, 0.2626, 0.1220

Previews

White Background



This preview shows how the Yxy color 66.6876, 0.3174, 0.3668 looks on a white background.

Color Contrast Check

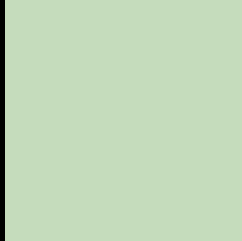
Large Text (above 18pt) WCAG AA × Fail

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 66.6876, 0.3174, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

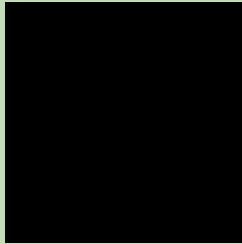
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

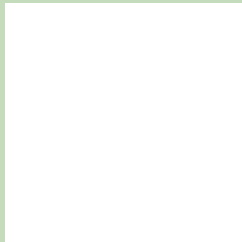
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6876, 0.3174, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 66.6876, 0.3174, 0.3668.

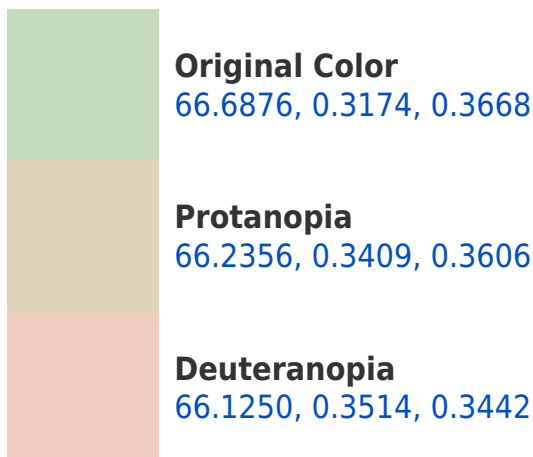


This preview shows how white text looks on a background with the Yxy color 66.6876, 0.3174, 0.3668.

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

66.7000, 0.2945, 0.3099

Trichromacy



Original Color

66.6876, 0.3174, 0.3668

Protanomaly

66.3998, 0.3327, 0.3634

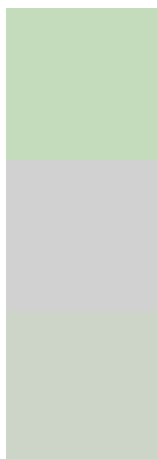
Deuteranomaly

65.8184, 0.3385, 0.3514

Tritanomaly

66.4355, 0.3027, 0.3301

Monochromacy



Original Color

66.6876, 0.3174, 0.3668

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7847, 0.3150, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6876, 0.3174, 0.3668 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(197, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(197, 220, 188)  
}
```

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(197, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 220, 188) }
```

Border

The CSS property to change the border of an element to Yxy 66.6876, 0.3174, 0.3668 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(197, 220, 188) }
```

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

```
.border{ border-color:rgb(197, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 220, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 220, 188); box-shadow:4px 4px 4px 4px rgb(197, 220, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6876, 0.3174, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 220, 188) }
```

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

```
.background{ background-color: rgb(197,  
220, 188) }
```

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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