

Converting Colors

Yxy(66.2229, 0.3198, 0.3630)

Have a look what the booklet for
Yxy(66.2229, 0.3198, 0.3630)
contains.

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Color

Yxy(66.2344, 0.3198, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	C9DABD
RGB	201, 218, 189
RGB Percent	79%, 85%, 74%
CMY	0.2119, 0.1450, 0.2589
CMYK	0.08, 0.00, 0.13, 0.15
HSL	95°, 28%, 80%
HSV	95°, 13%, 85%
XYZ	58.3359, 66.2344, 57.8434
YIQ	209.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

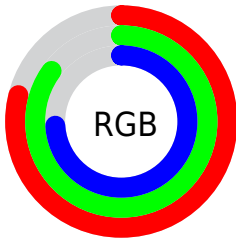
Format	Color
R _{YB}	189, 218, 206
Decimal	13228733
CIE _{Lab}	85.12, -10.93, 12.36
CIE _{LCh}	85, 16.497, 131.488
Yxy	66.2344, 0.3198, 0.3631
Android (android.graphics.Color)	4291418813 (0xFFC9DABD)
YUV	209.6110, -10.1612, -7.5518
Hunter-Lab	81.3845, -14.4753, 14.8293

Details

The Yxy color **66.2344, 0.3198, 0.3631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.5768, 0.3047, 0.2953**, and the grayscale version is **64.2463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **34.1750, 0.3212, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **63.6601, 0.3249, 0.3914**, and if you desaturate by 10%, it is **69.1046, 0.3145, 0.3371**.

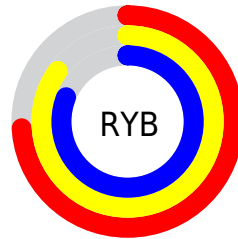
Distribution



Red (79%)

Green (85%)

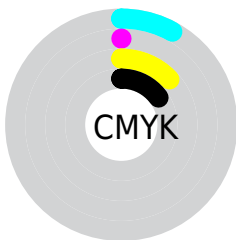
Blue (74%)



Red (74%)

Yellow (85%)

Blue (81%)

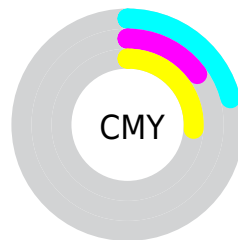


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2344, 0.3198, 0.3631 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 66.2344, 0.3198, 0.3631 by changing the saturation by 10% instead.


 66.2344, 0.3198,
0.3631

 66.2344, 0.3198,
0.3631


447.2147, 0.3166,
0.3467

 48.4627, 0.3205,
0.3670

 113.8227, 0.3187,
0.3573

 34.1935, 0.3213,
0.3719


144.4081, 0.3183,
0.3551

 23.0423, 0.3224,
0.3782


180.0335, 0.3179,
0.3532

 14.6247, 0.3237,
0.3867

221.0833, 0.3176,
0.3515

 8.5564, 0.3253,
0.3987

267.9420, 0.3173,
0.3501

 4.4530, 0.3274,
0.4170

320.9938, 0.3171,

 1.9301, 0.3299,

0.3489

380.6233, 0.3168,
0.3477

0.4478

0.5664, 0.3241,
0.6759

0.0000, 0.0000,
0.0000

66.2344, 0.3198,
0.3631

66.2344, 0.3198,
0.3631

63.6601, 0.3249,
0.3914

69.1046, 0.3145,
0.3371

61.3631, 0.3295,
0.4215

72.2716, 0.3092,
0.3135

59.3359, 0.3333,
0.4525

75.7470, 0.3040,
0.2924

57.5672, 0.3359,
0.4834

78.0987, 0.3124,
0.2928

■ 56.0447, 0.3369,
0.5126

■ 78.6308, 0.3144,
0.2930

■ 54.7550, 0.3360,
0.5383

■ 53.6832, 0.3331,
0.5589

■ 52.8118, 0.3285,
0.5734

■ 52.3245, 0.3248,
0.5803

Harmonies

Analogous

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



66.2344, 0.3388, 0.3647



66.2344, 0.3198, 0.3631



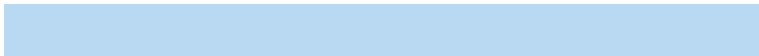
66.2344, 0.2993, 0.3514

Triad

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



66.2344, 0.3198, 0.3631



66.2344, 0.2756, 0.3007



66.2344, 0.3433, 0.3238

Complementary

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



66.2344, 0.3198, 0.3631



54.5768, 0.3047, 0.2953

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.



66.2344, 0.3254, 0.3080



66.2344, 0.3198, 0.3631



66.2344, 0.2865, 0.2947

Square

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



66.2344, 0.3198, 0.3631



66.2344, 0.2743, 0.3146



66.2344, 0.3046, 0.2975



66.2344, 0.3527, 0.3413

Rectangle

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



66.2344, 0.3198, 0.3631



66.2344, 0.2876, 0.3397



66.2344, 0.3046, 0.2975



66.2344, 0.3380, 0.3181

Sweetspot

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



66.2373, 0.3198, 0.3631



98.2421, 0.3149, 0.3389



62.6846, 0.3344, 0.3484



20.9587, 0.3153, 0.3408



0.0000, 0.0000, 0.0000



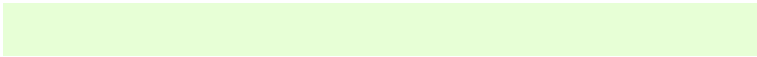
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2373, 0.3198, 0.3631



93.3813, 0.3213, 0.3709



64.7468, 0.3095, 0.3610



14.8674, 0.3178, 0.3527



31.4025, 0.3259, 0.5794



2.0841, 0.3388, 0.5692

Inverse Universe

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



54.5768, 0.3047, 0.2953



73.6188, 0.3028, 0.2878



56.2327, 0.3161, 0.2990



12.9930, 0.3072, 0.3055



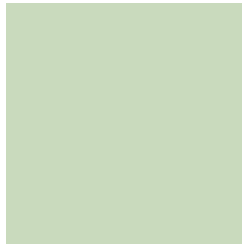
5.8468, 0.2208, 0.0990



0.4288, 0.2368, 0.1078

Previews

White Background



This preview shows how the Yxy color 66.2344, 0.3198, 0.3631 looks on a white background.

Color Contrast Check

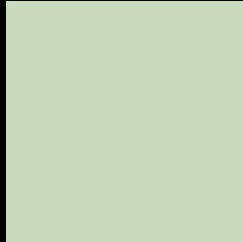
Large Text (above 18pt) WCAG AA × Fail

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 66.2344, 0.3198, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

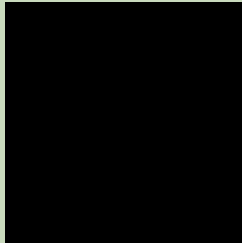
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

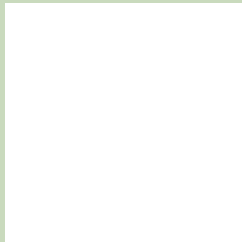
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2344, 0.3198, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 66.2344, 0.3198, 0.3631.



This preview shows how white text looks on a background with the Yxy color 66.2344, 0.3198, 0.3631.

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

66.2344, 0.3198, 0.3631

Protanopia

66.1617, 0.3387, 0.3584

Deuteranopia

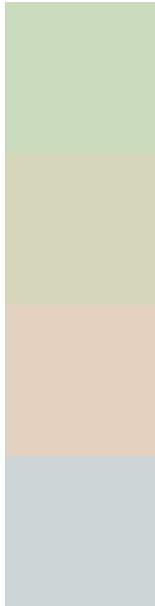
65.9937, 0.3498, 0.3431



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

66.2344, 0.3198, 0.3631

Protanomaly

65.9771, 0.3315, 0.3600

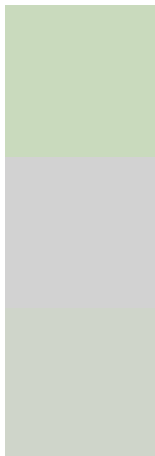
Deuteranomaly

66.0235, 0.3385, 0.3502

Tritanomaly

65.9273, 0.3062, 0.3290

Monochromacy



Original Color

66.2344, 0.3198, 0.3631

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1182, 0.3158, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2344, 0.3198, 0.3631 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(201, 218, 189)` looks like.

```
.text, #text, p{  
    color:rgb(201, 218, 189)  
}
```

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(201, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 218, 189) }
```

Border

The CSS property to change the border of an element to Yxy 66.2344, 0.3198, 0.3631 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(201, 218, 189) }
```

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

```
.border{ border-color:rgb(201, 218, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 218, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 218,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2344, 0.3198, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 218, 189) }
```

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

```
.background{ background-color: rgb(201,  
218, 189) }
```

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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