

Converting Colors

$Yxy(66.2976, 0.3129, 0.3702)$

Have a look what the booklet for
Yxy(66.2976, 0.3129, 0.3702)
contains.

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Color

Yxy(66.2479, 0.3129, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	BEDDBB
RGB	190, 221, 187
RGB Percent	75%, 87%, 73%
CMY	0.2550, 0.1333, 0.2667
CMYK	0.14, 0.00, 0.15, 0.13
HSL	115°, 33%, 80%
HSV	115°, 15%, 87%
XYZ	56.0545, 66.2479, 56.8428
YIQ	207.8550, -7.5620, -17.1460

Conversions

Conversions Part 2

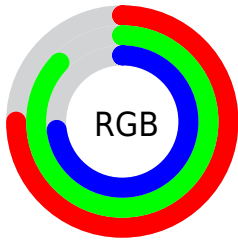
Format	Color
RYB	187, 221, 218
Decimal	12508603
CIELab	85.12, -16.57, 13.31
CIELCh	85, 21.254, 141.231
Yxy	66.2479, 0.3129, 0.3698
Android (android.graphics.Color)	4290698683 (0xFFBEDDBB)
YUV	207.8550, -10.2815, -15.6588
Hunter-Lab	81.3928, -19.5060, 15.5683

Details

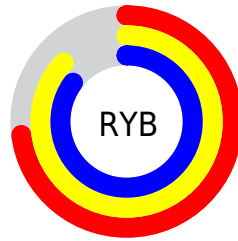
The Yxy color **66.2479, 0.3129, 0.3698** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.6716, 0.3121, 0.2908**, and the grayscale version is **63.0470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7652, 0.3147, 0.3407**, and **34.2279, 0.3121, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **62.9563, 0.3127, 0.4004**, and if you desaturate by 10%, it is **70.0502, 0.3128, 0.3424**.

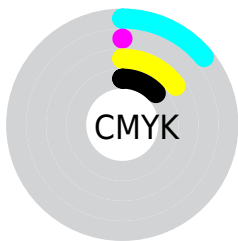
Distribution



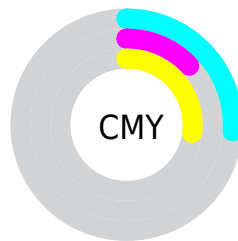
- Red (75%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)




- Cyan (26%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2479, 0.3129, 0.3698 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 66.2479, 0.3129, 0.3698 by changing the saturation by 10% instead.


 66.2479, 0.3129,
0.3698

 66.2479, 0.3129,
0.3698


447.2629, 0.3131,
0.3501

 48.4737, 0.3128,
0.3745


 113.8421, 0.3130,
0.3628

 34.2021, 0.3126,
0.3805


144.4308, 0.3130,
0.3601

 23.0489, 0.3123,
0.3882


180.0598, 0.3131,
0.3578

 14.6296, 0.3118,
0.3987

221.1135, 0.3131,
0.3559

 8.5599, 0.3109,
0.4135

267.9762, 0.3131,
0.3541

 4.4552, 0.3090,
0.4364

321.0325, 0.3131,

 1.9313, 0.3044,


0.3526


0.4757


380.6666, 0.3131,
0.3513


 0.5671, 0.1917,
0.8083


 0.0000, 0.0000,
0.0000


 66.2479, 0.3129,
0.3698


 66.2479, 0.3129,
0.3698

 62.9563, 0.3127,
0.4004


 70.0502, 0.3128,
0.3424


 60.1457, 0.3123,
0.4337

 74.3748, 0.3126,
0.3183

 57.7960, 0.3115,
0.4686

 79.2435, 0.3122,
0.2973

 55.8826, 0.3102,
0.5035

 80.2001, 0.3143,
0.2960

■ 54.3783, 0.3086,
0.5359

■ 53.2533, 0.3066,
0.5634

■ 52.4734, 0.3045,
0.5835

■ 51.9979, 0.3024,
0.5953

■ 51.8617, 0.3017,
0.5987

Harmonies

Analogous

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



66.2479, 0.3388, 0.3760



66.2479, 0.3129, 0.3698



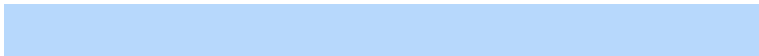
66.2479, 0.2877, 0.3510

Triad

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



66.2479, 0.3129, 0.3698



66.2479, 0.2685, 0.2889



66.2479, 0.3576, 0.3293

Complementary

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



66.2479, 0.3129, 0.3698



55.6716, 0.3121, 0.2908

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.



66.2479, 0.3373, 0.3081



66.2479, 0.3129, 0.3698



66.2479, 0.2858, 0.2853

Square

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



66.2479, 0.3129, 0.3698



66.2479, 0.2628, 0.3034



66.2479, 0.3108, 0.2923



66.2479, 0.3654, 0.3512

Rectangle

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



66.2479, 0.3129, 0.3698



66.2479, 0.2745, 0.3346



66.2479, 0.3108, 0.2923



66.2479, 0.3520, 0.3219

Sweetspot

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



66.2507, 0.3129, 0.3698



97.0654, 0.3128, 0.3415



68.9036, 0.3363, 0.3634



20.6909, 0.3128, 0.3433



0.0000, 0.0000, 0.0000



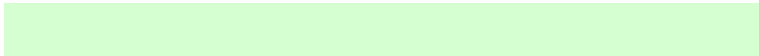
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2507, 0.3129, 0.3698



90.2911, 0.3129, 0.3779



66.4826, 0.3021, 0.3533



14.6603, 0.3129, 0.3531



30.1436, 0.3021, 0.5983



1.9721, 0.3080, 0.5936

Inverse Universe

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



55.6716, 0.3121, 0.2908



73.3772, 0.3119, 0.2838



55.4378, 0.3250, 0.3059



13.2140, 0.3124, 0.3059



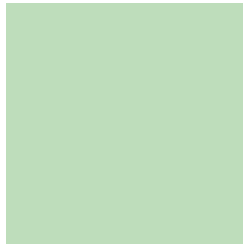
10.3269, 0.2991, 0.1422



0.6864, 0.3029, 0.1442

Previews

White Background



This preview shows how the Yxy color 66.2479, 0.3129, 0.3698 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 66.2479, 0.3129, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

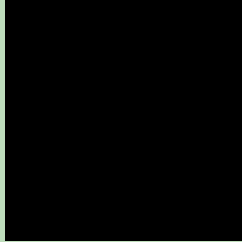
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

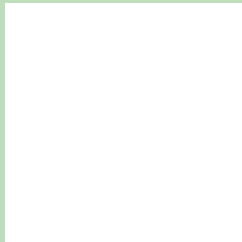
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2479, 0.3129, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 66.2479, 0.3129, 0.3698.



This preview shows how white text looks on a background with the Yxy color 66.2479, 0.3129, 0.3698.

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

66.2479, 0.3129, 0.3698

Protanopia

66.1523, 0.3424, 0.3629

Deuteranopia

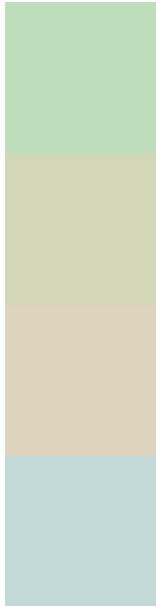
66.0811, 0.3521, 0.3453



Tritanopia

66.2974, 0.2891, 0.3097

Trichromacy



Original Color

66.2479, 0.3129, 0.3698

Protanomaly

65.9105, 0.3311, 0.3649

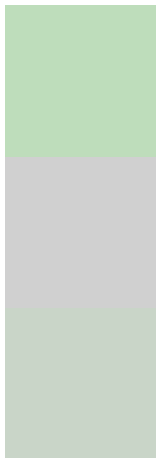
Deuteranomaly

65.7922, 0.3367, 0.3538

Tritanomaly

66.0529, 0.2971, 0.3301

Monochromacy



Original Color

66.2479, 0.3129, 0.3698

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.1761, 0.3127, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2479, 0.3129, 0.3698 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(190, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 221, 187)  
}
```

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(190, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 221, 187) }
```

Border

The CSS property to change the border of an element to Yxy 66.2479, 0.3129, 0.3698 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(190, 221, 187) }
```

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

```
.border{ border-color:rgb(190, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 221,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2479, 0.3129, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 221, 187) }
```

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

```
.background{ background-color: rgb(190,  
221, 187) }
```

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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