

Converting Colors

$Yxy(67.2860, 0.3300, 0.3991)$

Have a look what the booklet for
Yxy(67.2860, 0.3300, 0.3991)
contains.

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Color

Yxy(67.4973, 0.3298, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	C2E0A5
RGB	194, 224, 165
RGB Percent	76%, 88%, 65%
CMY	0.2392, 0.1215, 0.3530
CMYK	0.13, 0.00, 0.26, 0.12
HSL	91°, 49%, 76%
HSV	91°, 26%, 88%
XYZ	55.6933, 67.4973, 45.6793
YIQ	208.3040, 1.0590, -24.7090

Conversions

Conversions Part 2

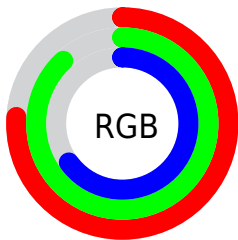
Format	Color
RYB	165, 224, 195
Decimal	12771493
CIELab	85.75, -20.20, 25.72
CIELCh	86, 32.700, 128.144
Yxy	67.4973, 0.3298, 0.3997
Android (android.graphics.Color)	4290961573 (0xFFC2E0A5)
YUV	208.3040, -21.3489, -12.5446
Hunter-Lab	82.1567, -22.7708, 24.5444

Details

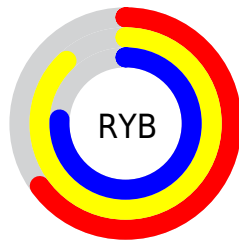
The Yxy color **67.4973, 0.3298, 0.3997** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.8854, 0.2912, 0.2586**, and the grayscale version is **63.4251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1965, 0.3307, 0.3634**, and **35.1436, 0.3329, 0.4181** is the 20% darker color. If you saturate the color by 10%, you get **65.3052, 0.3355, 0.4295**, and if you desaturate by 10%, it is **69.9536, 0.3235, 0.3713**.

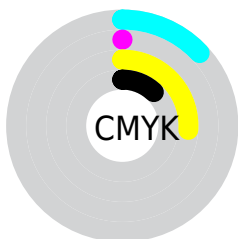
Distribution



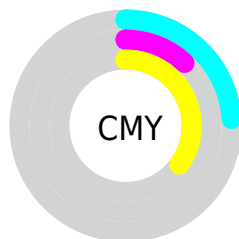
- Red (76%)
- Green (88%)
- Blue (65%)



- Red (65%)
- Yellow (88%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4973, 0.3298, 0.3997 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 67.4973, 0.3298, 0.3997 by changing the saturation by 10% instead.

 67.4973, 0.3298,
0.3997


 67.4973, 0.3298,
0.3997


451.7129, 0.3225,
0.3654

 49.4889, 0.3313,
0.4079


 115.6327, 0.3274,
0.3875

 35.0074, 0.3330,
0.4182

 146.5285, 0.3264,
0.3829

 23.6686, 0.3349,
0.4315


182.4888, 0.3256,
0.3789

 15.0880, 0.3371,
0.4494

223.8981, 0.3248,
0.3755

 8.8812, 0.3392,
0.4745

271.1408, 0.3241,
0.3725

 4.6637, 0.3403,
0.5117

324.6012, 0.3235,

 2.0514, 0.3594,

0.3698

0.6105

384.6638, 0.3230,
0.3675

0.6371, 0.1500,
0.8500

0.0000, 0.0000,
0.0000

67.4973, 0.3298,
0.3997

67.4973, 0.3298,
0.3997

65.3052, 0.3355,
0.4295

69.9536, 0.3235,
0.3713

63.3586, 0.3403,
0.4596

72.6747, 0.3169,
0.3447


61.6494, 0.3436,
0.4890


75.6723, 0.3103,
0.3204


60.1660, 0.3450,
0.5159


78.9551, 0.3039,
0.2984


 58.8954, 0.3443,
0.5390

 81.0331, 0.3114,
0.2987

 57.8225, 0.3414,
0.5569

 81.7952, 0.3141,
0.2989

 56.9295, 0.3366,
0.5690

 56.6384, 0.3346,
0.5725

Harmonies

Analogous

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



67.4973, 0.3666, 0.3982



67.4973, 0.3298, 0.3997



67.4973, 0.2899, 0.3782

Triad

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



67.4973, 0.3298, 0.3997



67.4973, 0.2406, 0.2754



67.4973, 0.3699, 0.3143

Complementary

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



67.4973, 0.3298, 0.3997



43.8854, 0.2912, 0.2586

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.



67.4973, 0.3326, 0.2863



67.4973, 0.3298, 0.3997



67.4973, 0.2588, 0.2638

Square

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



67.4973, 0.3298, 0.3997



67.4973, 0.2401, 0.3028



67.4973, 0.2917, 0.2682



67.4973, 0.3913, 0.3470

Rectangle

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



67.4973, 0.3298, 0.3997



67.4973, 0.2669, 0.3543



67.4973, 0.2917, 0.2682



67.4973, 0.3586, 0.3042

Sweetspot

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



67.5002, 0.3298, 0.3997



96.8409, 0.3180, 0.3491



57.3678, 0.3604, 0.3632



20.6065, 0.3190, 0.3530



0.0000, 0.0000, 0.0000



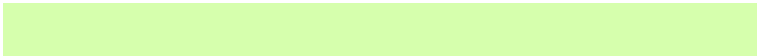
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5002, 0.3298, 0.3997



88.7761, 0.3333, 0.4171



64.0282, 0.3092, 0.4043



15.6664, 0.3190, 0.3527



33.0334, 0.3357, 0.5716



2.3429, 0.3475, 0.5623

Inverse Universe

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



43.8854, 0.2912, 0.2586



51.6902, 0.2852, 0.2414



48.1334, 0.3158, 0.2637



13.5840, 0.3060, 0.3053



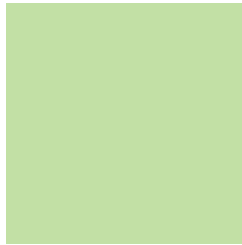
5.2787, 0.2043, 0.0899



0.4191, 0.2209, 0.0991

Previews

White Background



This preview shows how the Yxy color 67.4973, 0.3298, 0.3997 looks on a white background.

Color Contrast Check

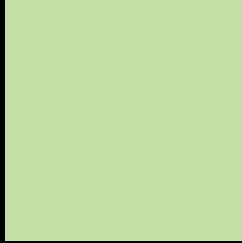
Large Text (above 18pt) WCAG AA × Fail

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 67.4973, 0.3298, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

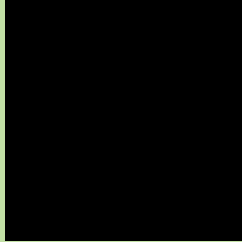
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4973, 0.3298, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 67.4973, 0.3298, 0.3997.

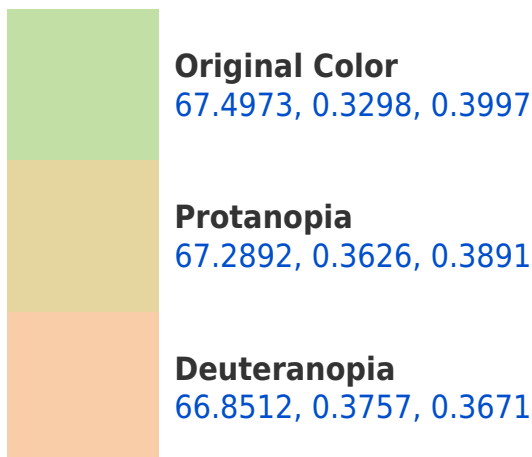


This preview shows how white text looks on a background with the Yxy color 67.4973, 0.3298, 0.3997.

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

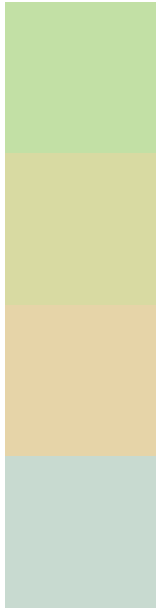




Tritanopia

67.2644, 0.2939, 0.3100

Trichromacy



Original Color

67.4973, 0.3298, 0.3997

Protanomaly

67.3504, 0.3498, 0.3932

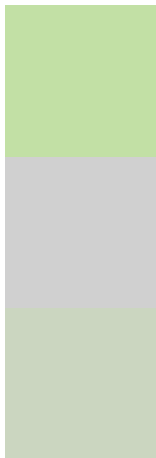
Deuteranomaly

66.7371, 0.3582, 0.3780

Tritanomaly

66.9762, 0.3065, 0.3405

Monochromacy



Original Color

67.4973, 0.3298, 0.3997

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.5954, 0.3196, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4973, 0.3298, 0.3997 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(194, 224, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 165)  
}
```

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(194, 224, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 165) }
```

Border

The CSS property to change the border of an element to Yxy 67.4973, 0.3298, 0.3997 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(194, 224, 165) }
```

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

```
.border{ border-color:rgb(194, 224, 165) }
```

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

Here you see how a box with a 4 pixel rgb(194, 224, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4973, 0.3298, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 165) }
```

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

```
.background{ background-color: rgb(194,  
224, 165) }
```

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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