

Converting Colors

$Yxy(52.0973, 0.3321, 0.4197)$

Have a look what the booklet for
Yxy(52.0973, 0.3321, 0.4197)
contains.

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Color

Yxy(52.0973, 0.3321, 0.4197)

Conversions

Conversions Part 1

Format	Color
Hex	A6CA87
RGB	166, 202, 135
RGB Percent	65%, 79%, 53%
CMY	0.3489, 0.2078, 0.4705
CMYK	0.18, 0.00, 0.33, 0.21
HSL	92°, 39%, 66%
HSV	92°, 33%, 79%
XYZ	41.2235, 52.0973, 30.8090
YIQ	183.5980, 0.0510, -28.4690

Conversions

Conversions Part 2

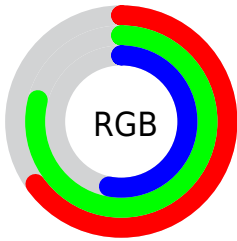
Format	Color
RYB	135, 202, 171
Decimal	10930823
CIELab	77.34, -23.85, 29.63
CIElCh	77, 38.033, 128.830
Yxy	52.0973, 0.3321, 0.4197
Android (android.graphics.Color)	4289120903 (0xFFA6CA87)
YUV	183.5980, -23.9588, -15.4334
Hunter-Lab	72.1785, -24.3650, 25.2173

Details

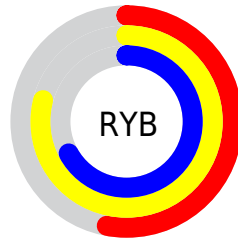
The Yxy color **52.0973, 0.3321, 0.4197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.2529, 0.2862, 0.2398**, and the grayscale version is **47.8376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7237, 0.3300, 0.3988**, and **25.3306, 0.3357, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **50.4597, 0.3367, 0.4500**, and if you desaturate by 10%, it is **53.9463, 0.3267, 0.3902**.

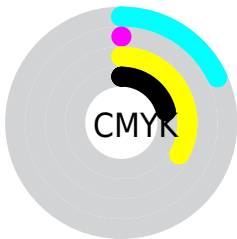
Distribution



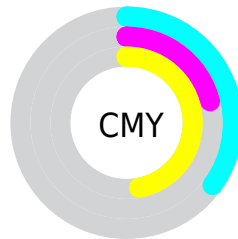
- Red (65%)
- Green (79%)
- Blue (53%)



- Red (53%)
- Yellow (79%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (33%)
- Black (21%)




- Cyan (35%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0973, 0.3321, 0.4197 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 52.0973, 0.3321, 0.4197 by changing the saturation by 10% instead.


 52.0973, 0.3321,
0.4197


 52.0973, 0.3321,
0.4197


394.8121, 0.3238,
0.3735


 37.0826, 0.3337,
0.4314


 93.2747, 0.3294,
0.4028

 25.2715, 0.3354,
0.4464


 120.2063, 0.3283,
0.3964

 16.2794, 0.3370,
0.4665


 151.8789, 0.3274,
0.3911

 9.7221, 0.3382,
0.4942

188.6770, 0.3265,
0.3866

 5.2151, 0.3374,
0.5347

230.9850, 0.3257,
0.3826

 2.3740, 0.3537,
0.6413

279.1872, 0.3250,

 0.8125, 0.1896,

0.3792

0.8104

333.6682, 0.3244,
0.3762

0.0000, 0.0000,
0.0000

52.0973, 0.3321,
0.4197

52.0973, 0.3321,
0.4197

50.4597, 0.3367,
0.4500

53.9463, 0.3267,
0.3902

49.0182, 0.3401,
0.4801

56.0078, 0.3207,
0.3624

47.7658, 0.3418,
0.5083


58.2918, 0.3146,
0.3367


46.6923, 0.3416,
0.5333

60.8052, 0.3086,
0.3132


45.7862, 0.3392,
0.5535

63.5549, 0.3027,
0.2921


 45.0342, 0.3349,
0.5679

 66.4690, 0.2979,
0.2744

 44.5943, 0.3313,
0.5752

 68.3318, 0.3057,
0.2756

 70.3086, 0.3136,
0.2769

 70.7206, 0.3151,
0.2772

Harmonies

Analogous

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



52.0973, 0.3790, 0.4167



52.0973, 0.3321, 0.4197



52.0973, 0.2822, 0.3916

Triad

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



52.0973, 0.3321, 0.4197



52.0973, 0.2233, 0.2607



52.0973, 0.3862, 0.3108

Complementary

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



52.0973, 0.3321, 0.4197



30.2529, 0.2862, 0.2398

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.



52.0973, 0.3386, 0.2765



52.0973, 0.3321, 0.4197



52.0973, 0.2459, 0.2478

Square

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



52.0973, 0.3321, 0.4197



52.0973, 0.2220, 0.2938



52.0973, 0.2869, 0.2540



52.0973, 0.4128, 0.3510

Rectangle

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



52.0973, 0.3321, 0.4197



52.0973, 0.2539, 0.3599



52.0973, 0.2869, 0.2540



52.0973, 0.3719, 0.2984

Sweetspot

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



52.0996, 0.3321, 0.4197



95.9595, 0.3189, 0.3544



43.3334, 0.3741, 0.3749



20.4245, 0.3198, 0.3581



0.0000, 0.0000, 0.0000



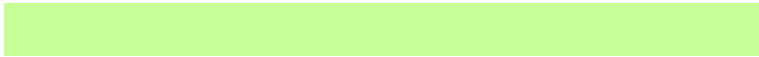
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0996, 0.3321, 0.4197



86.1291, 0.3356, 0.4421



49.2058, 0.3067, 0.4233



12.7871, 0.3185, 0.3525



28.7481, 0.3323, 0.5744



1.5281, 0.3477, 0.5621

Inverse Universe

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



30.2529, 0.2862, 0.2398



43.3810, 0.2786, 0.2182



34.0474, 0.3187, 0.2499



11.1357, 0.3065, 0.3056



4.8690, 0.2105, 0.0933



0.2961, 0.2312, 0.1047

Previews

White Background



This preview shows how the Yxy color 52.0973, 0.3321, 0.4197 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 52.0973, 0.3321, 0.4197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

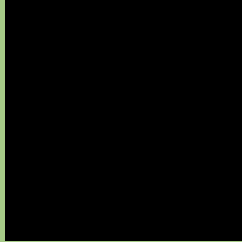
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0973, 0.3321, 0.4197

Background



This preview shows how black text looks on a background with the Yxy color 52.0973, 0.3321, 0.4197.



This preview shows how white text looks on a background with the Yxy color 52.0973, 0.3321, 0.4197.

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

52.0973, 0.3321, 0.4197

Protanopia

51.5604, 0.3742, 0.4028

Deuteranopia

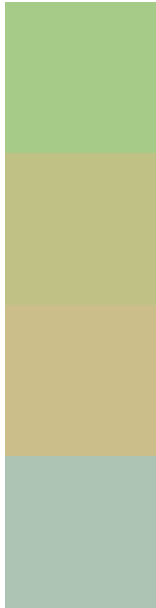
51.8998, 0.3879, 0.3802



Tritanopia

52.0411, 0.2896, 0.3102

Trichromacy



Original Color

52.0973, 0.3321, 0.4197

Protanomaly

51.3259, 0.3577, 0.4085

Deuteranomaly

51.4993, 0.3661, 0.3935

Tritanomaly

51.7003, 0.3055, 0.3486

Monochromacy



Original Color

52.0973, 0.3321, 0.4197

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3619, 0.3202, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0973, 0.3321, 0.4197 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(166, 202, 135)` looks like.

```
.text, #text, p{  
    color:rgb(166, 202, 135)  
}
```

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(166, 202, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 202, 135) }
```

Border

The CSS property to change the border of an element to Yxy 52.0973, 0.3321, 0.4197 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(166, 202, 135) }
```

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

```
.border{ border-color:rgb(166, 202, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 202, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 202, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 202, 135); box-shadow:4px 4px 4px 4px rgb(166, 202, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0973, 0.3321, 0.4197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 202, 135) }
```

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

```
.background{ background-color: rgb(166,  
202, 135) }
```

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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