

Converting Colors

$Yxy(45.9202, 0.3167, 0.3980)$

Have a look what the booklet for
Yxy(45.9202, 0.3167, 0.3980)
contains.

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Color

Yxy(45.9202, 0.3167, 0.3980)

Conversions

Conversions Part 1

Format	Color
Hex	98BF8F
RGB	152, 191, 143
RGB Percent	60%, 75%, 56%
CMY	0.4038, 0.2510, 0.4393
CMYK	0.20, 0.00, 0.25, 0.25
HSL	109°, 27%, 65%
HSV	109°, 25%, 75%
XYZ	36.5400, 45.9202, 32.9172
YIQ	173.8670, -7.8360, -23.1960

Conversions

Conversions Part 2

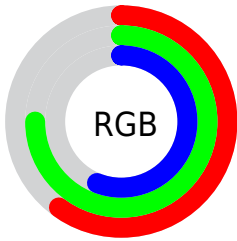
Format	Color
RYB	143, 191, 182
Decimal	10010511
CIELab	73.49, -22.19, 20.07
CIELCh	73, 29.916, 137.867
Yxy	45.9202, 0.3167, 0.3980
Android (android.graphics.Color)	4288200591 (0xFF98BF8F)
YUV	173.8670, -15.2174, -19.1774
Hunter-Lab	67.7644, -22.3368, 18.6345

Details

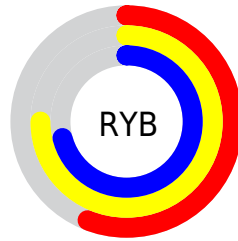
The Yxy color **45.9202, 0.3167, 0.3980** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.3417, 0.3067, 0.2656**, and the grayscale version is **42.3408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8181, 0.3165, 0.3840**, and **21.3734, 0.3169, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **43.9920, 0.3177, 0.4300**, and if you desaturate by 10%, it is **48.1465, 0.3153, 0.3684**.

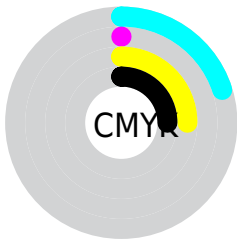
Distribution



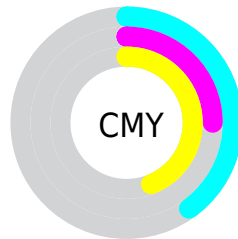
- Red (60%)
- Green (75%)
- Blue (56%)



- Red (56%)
- Yellow (75%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)





- Cyan (40%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9202, 0.3167, 0.3980 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 45.9202, 0.3167, 0.3980 by changing the saturation by 10% instead.


 45.9202, 0.3167,
0.3980


 45.9202, 0.3167,
0.3980


370.4877, 0.3154,
0.3621

 32.1829, 0.3168,
0.4074


 84.0996, 0.3164,
0.3846

 21.5012, 0.3167,
0.4197


 109.3104, 0.3163,
0.3797

 13.4909, 0.3162,
0.4365


139.1144, 0.3161,
0.3756

 7.7674, 0.3150,
0.4607

173.8962, 0.3159,
0.3721

 3.9465, 0.3115,
0.4982

214.0400, 0.3158,
0.3691

 1.6437, 0.3200,
0.5986

259.9303, 0.3157,

 0.3868, 0.0000,

0.3665

1.0000

311.9514, 0.3155,
0.3642

0.0000, 0.0000,
0.0000

45.9202, 0.3167,
0.3980

45.9202, 0.3167,
0.3980

43.9920, 0.3177,
0.4300

48.1465, 0.3153,
0.3684

42.3434, 0.3181,
0.4635

50.6766, 0.3136,
0.3416

40.9630, 0.3177,
0.4971


53.5237, 0.3118,
0.3178


39.8362, 0.3165,
0.5286

56.6983, 0.3100,
0.2968

38.9469, 0.3143,
0.5559


60.2105, 0.3081,
0.2785

 38.2773, 0.3112,
0.5769

 63.9023, 0.3082,
0.2648

 37.8065, 0.3076,
0.5904

 65.7416, 0.3157,
0.2663

 37.6361, 0.3061,
0.5952

Harmonies

Analogous

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



45.9202, 0.3573, 0.4041



45.9202, 0.3167, 0.3980



45.9202, 0.2767, 0.3688

Triad

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



45.9202, 0.3167, 0.3980



45.9202, 0.2421, 0.2676



45.9202, 0.3818, 0.3244

Complementary

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



45.9202, 0.3167, 0.3980



33.3417, 0.3067, 0.2656

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.



45.9202, 0.3470, 0.2932



45.9202, 0.3167, 0.3980



45.9202, 0.2663, 0.2611

Square

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



45.9202, 0.3167, 0.3980



45.9202, 0.2355, 0.2908



45.9202, 0.3042, 0.2706



45.9202, 0.3966, 0.3584

Rectangle

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



45.9202, 0.3167, 0.3980



45.9202, 0.2556, 0.3418



45.9202, 0.3042, 0.2706



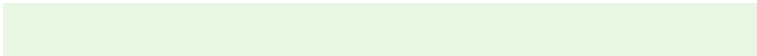
45.9202, 0.3719, 0.3134

Sweetspot

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



45.9222, 0.3167, 0.3980



89.3499, 0.3141, 0.3493



46.2684, 0.3530, 0.3794



19.4664, 0.3144, 0.3533



97.7402, 0.3127, 0.3290



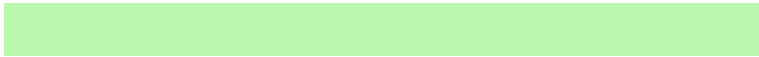
20.4902, 0.3127, 0.3290

Same Dimension

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



45.9222, 0.3167, 0.3980



80.3383, 0.3173, 0.4148



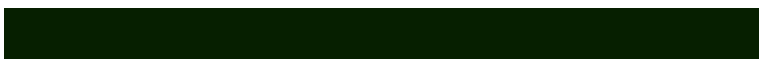
45.5474, 0.2992, 0.3777



10.7338, 0.3144, 0.3525



24.7604, 0.3067, 0.5946



0.9964, 0.3224, 0.5822

Inverse Universe

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



33.3417, 0.3067, 0.2656



54.0669, 0.3050, 0.2516



33.8747, 0.3296, 0.2848



9.6030, 0.3108, 0.3062



7.0868, 0.2742, 0.1284



0.3015, 0.2861, 0.1349

Previews

White Background



This preview shows how the Yxy color 45.9202, 0.3167, 0.3980 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 45.9202, 0.3167, 0.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

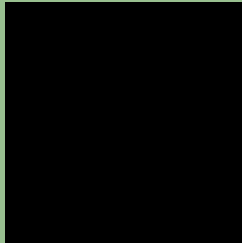
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9202, 0.3167, 0.3980

Background



This preview shows how black text looks on a background with the Yxy color 45.9202, 0.3167, 0.3980.

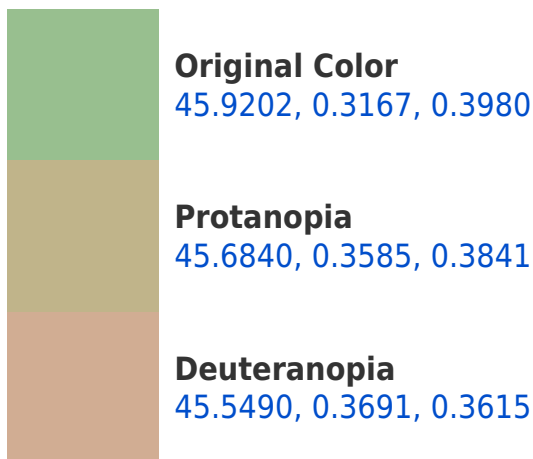


This preview shows how white text looks on a background with the Yxy color 45.9202, 0.3167, 0.3980.

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

45.9353, 0.2839, 0.3103

Trichromacy



Original Color

45.9202, 0.3167, 0.3980

Protanomaly

45.5215, 0.3419, 0.3890

Deuteranomaly

45.4092, 0.3480, 0.3741

Tritanomaly

46.0241, 0.2960, 0.3413

Monochromacy



Original Color

45.9202, 0.3167, 0.3980

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.3939, 0.3142, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9202, 0.3167, 0.3980 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(152, 191, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 191, 143)  
}
```

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(152, 191, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 191, 143) }
```

Border

The CSS property to change the border of an element to Yxy 45.9202, 0.3167, 0.3980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

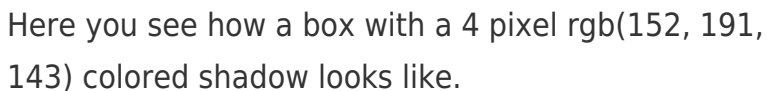
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 191, 143) }
```

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

```
.border{ border-color:rgb(152, 191, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 191, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 191, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 191, 143); box-shadow:4px 4px 4px 4px rgb(152, 191, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9202, 0.3167, 0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 191, 143) }
```

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

```
.background{ background-color: rgb(152,  
191, 143) }
```

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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