

Converting Colors

$Yxy(45.5197, 0.3117, 0.3995)$

Have a look what the booklet for
Yxy(45.5197, 0.3117, 0.3995)
contains.

Yxy(45.3558, 0.3118, 0.3990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.3558, 0.3118, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	92BF8F
RGB	146, 191, 143
RGB Percent	57%, 75%, 56%
CMY	0.4274, 0.2510, 0.4392
CMYK	0.24, 0.00, 0.25, 0.25
HSL	116°, 27%, 65%
HSV	116°, 25%, 75%
XYZ	35.4435, 45.3558, 32.8744
YIQ	172.0730, -11.4120, -24.4680

Conversions

Conversions Part 2

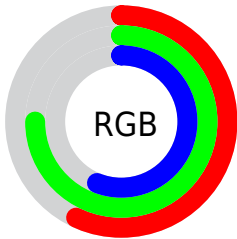
Format	Color
RYB	143, 191, 188
Decimal	9617295
CIELab	73.13, -24.27, 19.49
CIELCh	73, 31.130, 141.233
Yxy	45.3558, 0.3118, 0.3990
Android (android.graphics.Color)	4287807375 (0xFF92BF8F)
YUV	172.0730, -14.3330, -22.8660
Hunter-Lab	67.3467, -23.9152, 18.2011

Details

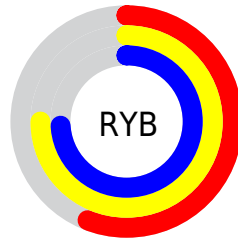
The Yxy color **45.3558, 0.3118, 0.3990** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1001, 0.3126, 0.2668**, and the grayscale version is **41.3735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5835, 0.3126, 0.3857**, and **21.0437, 0.3104, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **43.3126, 0.3110, 0.4321**, and if you desaturate by 10%, it is **47.7585, 0.3123, 0.3687**.

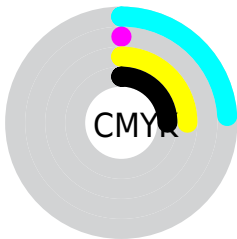
Distribution



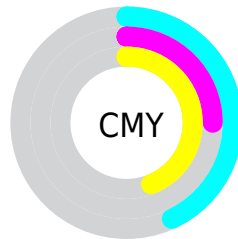
- Red (57%)
- Green (75%)
- Blue (56%)



- Red (56%)
- Yellow (75%)
- Blue (74%)



- Cyan (24%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)





- Cyan (43%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3558, 0.3118, 0.3990 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 45.3558, 0.3118, 0.3990 by changing the saturation by 10% instead.


 45.3558, 0.3118,
0.3990


 45.3558, 0.3118,
0.3990


368.2127, 0.3130,
0.3624

 31.7378, 0.3112,
0.4086


 83.2541, 0.3124,
0.3853

 21.1613, 0.3103,
0.4213


 108.3031, 0.3126,
0.3803

 13.2419, 0.3087,
0.4386

137.9313, 0.3127,
0.3761

 7.5954, 0.3059,
0.4637

172.5229, 0.3128,
0.3726

 3.8371, 0.3000,
0.5031

212.4625, 0.3129,
0.3695

 1.5829, 0.3044,
0.6110

258.1344, 0.3130,

 0.3460, 0.0000,

0.3668

1.0000

309.9230, 0.3130,
0.3645

0.0000, 0.0000,
0.0000

45.3558, 0.3118,
0.3990

45.3558, 0.3118,
0.3990

43.3126, 0.3110,
0.4321

47.7585, 0.3123,
0.3687

41.6062, 0.3100,
0.4669

50.5306, 0.3126,
0.3416

40.2201, 0.3086,
0.5017


53.6890, 0.3128,
0.3178


39.1344, 0.3070,
0.5344


57.2476, 0.3128,
0.2971

38.3267, 0.3052,
0.5621


61.2199, 0.3127,
0.2792

 37.7717, 0.3034,
0.5828

 65.4494, 0.3145,
0.2661

 37.4391, 0.3017,
0.5951

 65.7430, 0.3157,
0.2663

 37.3407, 0.3013,
0.5990

Harmonies

Analogous

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



45.3558, 0.3547, 0.4081



45.3558, 0.3118, 0.3990



45.3558, 0.2709, 0.3662

Triad

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



45.3558, 0.3118, 0.3990



45.3558, 0.2411, 0.2633



45.3558, 0.3879, 0.3280

Complementary

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



45.3558, 0.3118, 0.3990



34.1001, 0.3126, 0.2668

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.



45.3558, 0.3532, 0.2949



45.3558, 0.3118, 0.3990



45.3558, 0.2681, 0.2587

Square

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



45.3558, 0.3118, 0.3990



45.3558, 0.2320, 0.2854



45.3558, 0.3087, 0.2703



45.3558, 0.4006, 0.3633

Rectangle

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



45.3558, 0.3118, 0.3990



45.3558, 0.2501, 0.3374



45.3558, 0.3087, 0.2703



45.3558, 0.3783, 0.3164

Sweetspot

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



45.3577, 0.3118, 0.3990



88.9378, 0.3125, 0.3494



48.9426, 0.3511, 0.3871



19.3610, 0.3125, 0.3535



97.7402, 0.3127, 0.3290



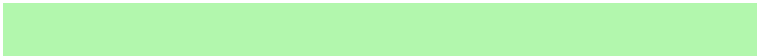
20.4902, 0.3127, 0.3290

Same Dimension

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



45.3577, 0.3118, 0.3990



79.1977, 0.3114, 0.4164



45.7764, 0.2947, 0.3681



10.6773, 0.3125, 0.3526



24.5516, 0.3016, 0.5987



0.9715, 0.3078, 0.5938

Inverse Universe

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



34.1001, 0.3126, 0.2668



55.6835, 0.3125, 0.2534



33.6333, 0.3361, 0.2930



9.6651, 0.3128, 0.3063



8.7886, 0.3055, 0.1457



0.3535, 0.3094, 0.1478

Previews

White Background



This preview shows how the Yxy color 45.3558, 0.3118, 0.3990 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 45.3558, 0.3118, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

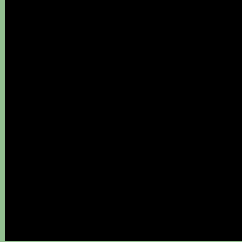
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3558, 0.3118, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 45.3558, 0.3118, 0.3990.



This preview shows how white text looks on a background with the Yxy color 45.3558, 0.3118, 0.3990.

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

45.3558, 0.3118, 0.3990

Protanopia

45.1227, 0.3588, 0.3843

Deuteranopia

44.8770, 0.3675, 0.3605



Tritanopia

45.4261, 0.2802, 0.3101

Trichromacy



Original Color

45.3558, 0.3118, 0.3990

Protanomaly

44.8450, 0.3411, 0.3895

Deuteranomaly

44.6298, 0.3455, 0.3732

Tritanomaly

45.4304, 0.2913, 0.3415

Monochromacy



Original Color

45.3558, 0.3118, 0.3990

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.5999, 0.3133, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3558, 0.3118, 0.3990 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(146, 191, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 191, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 191, 143) }
```

Border

The CSS property to change the border of an element to Yxy 45.3558, 0.3118, 0.3990 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(146, 191, 143) }
```

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

```
.border{ border-color:rgb(146, 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(146, 191, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 191, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 191, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 191,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3558, 0.3118, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 191, 143) }
```

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

```
.background{ background-color: rgb(146,  
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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