

Converting Colors

$Yxy(45.5902, 0.3121, 0.3493)$

Have a look what the booklet for
Yxy(45.5902, 0.3121, 0.3493)
contains.

Yxy(45.5806, 0.3118, 0.3494)	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(45.5806, 0.3118, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	A9B8A9
RGB	169, 184, 169
RGB Percent	66%, 72%, 66%
CMY	0.3370, 0.2785, 0.3372
CMYK	0.08, 0.00, 0.08, 0.28
HSL	120°, 10%, 69%
HSV	120°, 8%, 72%
XYZ	40.6755, 45.5806, 44.1978
YIQ	177.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

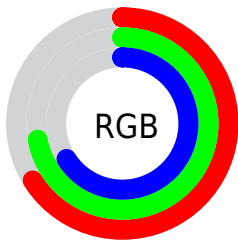
Format	Color
R _Y B	169, 184, 184
Decimal	11122857
CIE Lab	73.27, -8.00, 5.83
CIE LCh	73, 9.904, 143.913
Yxy	45.5806, 0.3118, 0.3494
Android (android.graphics.Color)	4289312937 (0xFFA9B8A9)
YUV	177.8050, -4.3409, -7.7220
Hunter-Lab	67.5134, -10.6056, 8.4451

Details

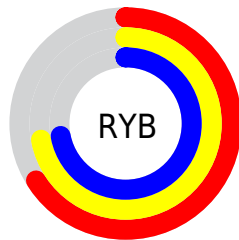
The Yxy color **45.5806, 0.3118, 0.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0248, 0.3136, 0.3094**, and the grayscale version is **44.4440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5493, 0.3119, 0.3458**, and **21.2989, 0.3115, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **43.0503, 0.3105, 0.3776**, and if you desaturate by 10%, it is **48.4966, 0.3129, 0.3246**.

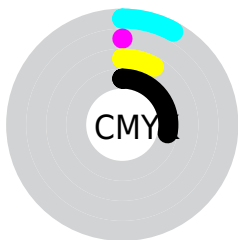
Distribution



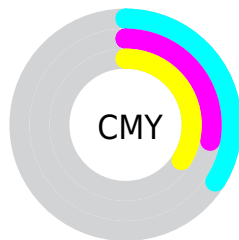
- Red (66%)
- Green (72%)
- Blue (66%)



- Red (66%)
- Yellow (72%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)





- Cyan (34%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5806, 0.3118, 0.3494 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 45.5806, 0.3118, 0.3494 by changing the saturation by 10% instead.


 45.5806, 0.3118,
0.3494

 45.5806, 0.3118,
0.3494


369.1199, 0.3123,
0.3390

 31.9150, 0.3116,
0.3520


 83.5910, 0.3120,
0.3456

 21.2966, 0.3114,
0.3555


 108.7045, 0.3121,
0.3442

 13.3410, 0.3111,
0.3601


138.4029, 0.3121,
0.3430

 7.6638, 0.3106,
0.3668

173.0704, 0.3122,
0.3420

 3.8806, 0.3098,
0.3769

213.0914, 0.3122,
0.3411

 1.6070, 0.3081,
0.3946

258.8505, 0.3123,

 0.3623, 0.2914,

0.3403

0.7086

310.7318, 0.3123,
0.3396

0.0000, 0.0000,
0.0000

45.5806, 0.3118,
0.3494

45.5806, 0.3118,
0.3494

43.0503, 0.3105,
0.3776

48.4966, 0.3129,
0.3246

40.8839, 0.3091,
0.4090

51.8073, 0.3139,
0.3032

39.0666, 0.3075,
0.4432

55.5288, 0.3147,
0.2847

37.5802, 0.3059,
0.4787

59.6744, 0.3154,
0.2688

36.4045, 0.3043,
0.5135

62.7551, 0.3160,
0.2595

■ 35.5178, 0.3028,
0.5452

■ 34.8950, 0.3015,
0.5710

■ 34.5070, 0.3006,
0.5888

■ 34.3085, 0.3001,
0.5985

Harmonies

Analogous

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



45.5806, 0.3256, 0.3535



45.5806, 0.3118, 0.3494



45.5806, 0.2985, 0.3394

Triad

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



45.5806, 0.3118, 0.3494



45.5806, 0.2897, 0.3073



45.5806, 0.3369, 0.3306

Complementary

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



45.5806, 0.3118, 0.3494



42.0248, 0.3136, 0.3094

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.



45.5806, 0.3269, 0.3188



45.5806, 0.3118, 0.3494



45.5806, 0.2996, 0.3055

Square

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



45.5806, 0.3118, 0.3494



45.5806, 0.2859, 0.3149



45.5806, 0.3132, 0.3098



45.5806, 0.3403, 0.3422

Rectangle

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



45.5806, 0.3118, 0.3494



45.5806, 0.2916, 0.3310



45.5806, 0.3132, 0.3098



45.5806, 0.3342, 0.3265

Sweetspot

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



45.5826, 0.3118, 0.3494



85.7852, 0.3125, 0.3339



47.2253, 0.3246, 0.3483



18.5058, 0.3125, 0.3336



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.5826, 0.3118, 0.3494



81.6573, 0.3116, 0.3549



45.8565, 0.3062, 0.3394



10.0615, 0.3117, 0.3526



23.6295, 0.3001, 0.5999



0.8335, 0.3004, 0.5997

Inverse Universe

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



42.0248, 0.3136, 0.3094



73.7061, 0.3138, 0.3044



41.7352, 0.3198, 0.3188



9.1612, 0.3137, 0.3065



9.3579, 0.3201, 0.1537



0.3304, 0.3203, 0.1538

Previews

White Background



This preview shows how the Yxy color 45.5806, 0.3118, 0.3494 looks on a white background.

Color Contrast Check

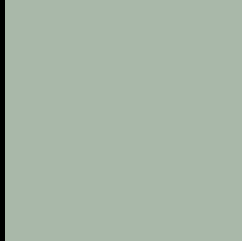
Large Text (above 18pt) WCAG AA × Fail

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 45.5806, 0.3118, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

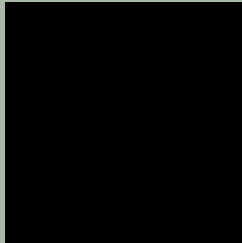
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

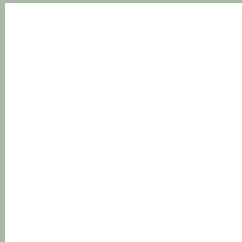
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5806, 0.3118, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 45.5806, 0.3118, 0.3494.



This preview shows how white text looks on a background with the Yxy color 45.5806, 0.3118, 0.3494.

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

45.5806, 0.3118, 0.3494

Protanopia

45.4325, 0.3295, 0.3461

Deuteranopia

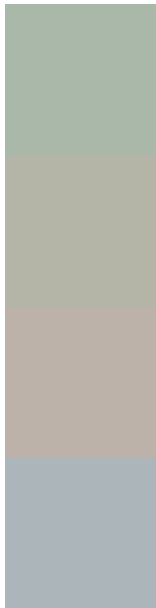
45.4917, 0.3388, 0.3329



Tritanopia

45.4669, 0.2953, 0.3093

Trichromacy



Original Color

45.5806, 0.3118, 0.3494

Protanomaly

45.5411, 0.3231, 0.3477

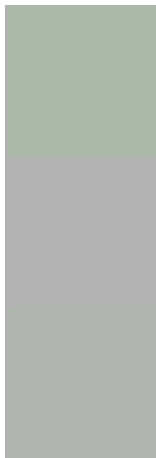
Deuteranomaly

45.5619, 0.3290, 0.3395

Tritanomaly

45.3636, 0.3013, 0.3223

Monochromacy



Original Color

45.5806, 0.3118, 0.3494

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.8516, 0.3124, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5806, 0.3118, 0.3494 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(169, 184, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 184, 169)  
}
```

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(169, 184, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 184, 169) }
```

Border

The CSS property to change the border of an element to Yxy 45.5806, 0.3118, 0.3494 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(169, 184, 169) }
```

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

```
.border{ border-color:rgb(169, 184, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 184, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 184, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 184, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 184,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5806, 0.3118, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 184, 169) }
```

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

```
.background{ background-color: rgb(169,  
184, 169) }
```

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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