

Converting Colors

$Yxy(45.8414, 0.3049, 0.3554)$

Have a look what the booklet for
Yxy(45.8414, 0.3049, 0.3554)
contains.

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Color

Yxy(45.8414, 0.3049, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	A0BBA8
RGB	160, 187, 168
RGB Percent	63%, 73%, 66%
CMY	0.3727, 0.2666, 0.3412
CMYK	0.14, 0.00, 0.10, 0.27
HSL	138°, 17%, 68%
HSV	138°, 14%, 73%
XYZ	39.3276, 45.8414, 43.8163
YIQ	176.7610, -9.9930, -11.6330

Conversions

Conversions Part 2

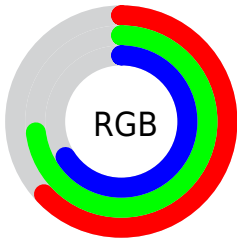
Format	Color
R _{YB}	160, 181, 187
Decimal	10533800
CIE Lab	73.44, -12.94, 6.55
CIE LCh	73, 14.509, 153.148
Yxy	45.8414, 0.3049, 0.3554
Android (android.graphics.Color)	4288723880 (0xFFA0BBA8)
YUV	176.7610, -4.3192, -14.6994
Hunter-Lab	67.7063, -14.8031, 9.0247

Details

The Yxy color **45.8414, 0.3049, 0.3554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9464, 0.3215, 0.3040**, and the grayscale version is **43.8581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8760, 0.3066, 0.3504**, and **21.4993, 0.3023, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **43.5939, 0.2996, 0.3764**, and if you desaturate by 10%, it is **48.4323, 0.3103, 0.3367**.

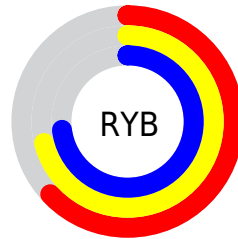
Distribution



Red (63%)

Green (73%)

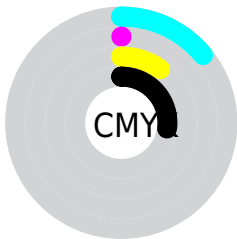
Blue (66%)



Red (63%)

Yellow (71%)

Blue (73%)

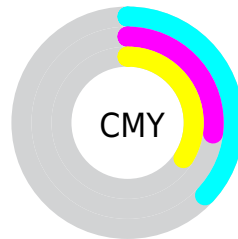


Cyan (14%)

Magenta (0%)

Yellow (10%)

Black (27%)



Cyan (37%)


Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8414, 0.3049, 0.3554 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 45.8414, 0.3049, 0.3554 by changing the saturation by 10% instead.


 45.8414, 0.3049,
0.3554


 45.8414, 0.3049,
0.3554


370.1707, 0.3089,
0.3419

 32.1207, 0.3038,
0.3589


 83.9816, 0.3064,
0.3504

 21.4537, 0.3025,
0.3634


 109.1699, 0.3070,
0.3486

 13.4560, 0.3006,
0.3695


138.9494, 0.3074,
0.3470

 7.7433, 0.2979,
0.3782


173.7047, 0.3078,
0.3457

 3.9311, 0.2936,
0.3917

213.8201, 0.3082,
0.3446

 1.6351, 0.2859,
0.4154

259.6799, 0.3085,

 0.3811, 0.1082,

0.3436

0.8918

311.6686, 0.3087,
0.3427

0.0000, 0.0000,
0.0000

45.8414, 0.3049,
0.3554

45.8414, 0.3049,
0.3554

43.5939, 0.2996,
0.3764

48.4323, 0.3103,
0.3367

41.6694, 0.2947,
0.3995

51.3742, 0.3157,
0.3201

40.0547, 0.2904,
0.4245

54.6818, 0.3209,
0.3056

38.7329, 0.2870,
0.4509

58.3673, 0.3259,
0.2929

37.6858, 0.2848,
0.4778

62.4421, 0.3307,
0.2819

■ 36.8929, 0.2841,
0.5041

■ 63.5154, 0.3219,
0.2698

■ 36.3307, 0.2850,
0.5286

■ 64.0277, 0.3158,
0.2624

■ 35.9712, 0.2874,
0.5501

■ 35.8287, 0.2890,
0.5604

Harmonies

Analogous

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



45.8414, 0.3254, 0.3644



45.8414, 0.3049, 0.3554



45.8414, 0.2869, 0.3386

Triad

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



45.8414, 0.3049, 0.3554



45.8414, 0.2828, 0.2957



45.8414, 0.3509, 0.3364

Complementary

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



45.8414, 0.3049, 0.3554



38.9464, 0.3215, 0.3040

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.



45.8414, 0.3388, 0.3191



45.8414, 0.3049, 0.3554



45.8414, 0.2992, 0.2961

Square

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



45.8414, 0.3049, 0.3554



45.8414, 0.2745, 0.3040



45.8414, 0.3197, 0.3046



45.8414, 0.3524, 0.3525

Rectangle

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



45.8414, 0.3049, 0.3554



45.8414, 0.2786, 0.3258



45.8414, 0.3197, 0.3046



45.8414, 0.3480, 0.3306

Sweetspot

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



45.8433, 0.3049, 0.3554



86.9264, 0.3105, 0.3360



47.7095, 0.3274, 0.3651



19.0601, 0.3101, 0.3373



95.5105, 0.3127, 0.3290



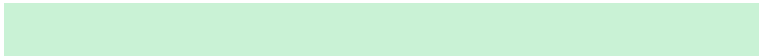
19.5994, 0.3127, 0.3290

Same Dimension

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



45.8433, 0.3049, 0.3554



80.8993, 0.3034, 0.3611



46.3590, 0.2952, 0.3370



10.6950, 0.3077, 0.3455



24.6927, 0.2884, 0.5583



0.9791, 0.2742, 0.5072

Inverse Universe

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



38.9464, 0.3215, 0.3040



66.4405, 0.3235, 0.2990



38.4390, 0.3336, 0.3212



9.6467, 0.3182, 0.3130



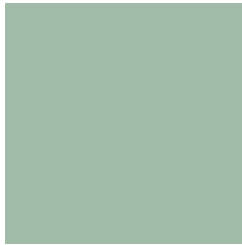
8.4302, 0.4122, 0.2044



0.3412, 0.3855, 0.1897

Previews

White Background



This preview shows how the Yxy color 45.8414, 0.3049, 0.3554 looks on a white background.

Color Contrast Check

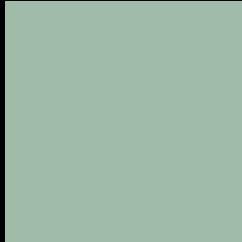
Large Text (above 18pt) WCAG AA × Fail

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 45.8414, 0.3049, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

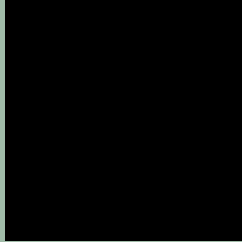
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8414, 0.3049, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 45.8414, 0.3049, 0.3554.



This preview shows how white text looks on a background with the Yxy color 45.8414, 0.3049, 0.3554.

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

45.8414, 0.3049, 0.3554

Protanopia

45.4853, 0.3321, 0.3488

Deuteranopia

45.6299, 0.3397, 0.3329



Tritanopia

45.8975, 0.2876, 0.3104

Trichromacy



Original Color

45.8414, 0.3049, 0.3554

Protanomaly

45.5196, 0.3220, 0.3519

Deuteranomaly

45.5816, 0.3262, 0.3408

Tritanomaly

45.6127, 0.2940, 0.3262

Monochromacy



Original Color

45.8414, 0.3049, 0.3554

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7617, 0.3097, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8414, 0.3049, 0.3554 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(160, 187, 168)` looks like.

```
.text, #text, p{  
    color:rgb(160, 187, 168)  
}
```

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(160, 187, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 187, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.8414, 0.3049, 0.3554 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(160, 187, 168) }
```

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

```
.border{ border-color:rgb(160, 187, 168) }
```

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

Here you see how a box with a 4 pixel rgb(160, 187, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 187, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 187, 168);  
box-shadow:4px 4px 4px 4px rgb(160, 187,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8414, 0.3049, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 187, 168) }
```

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

```
.background{ background-color: rgb(160,  
187, 168) }
```

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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