

Converting Colors

$Yxy(47.6099, 0.3079, 0.3611)$

Have a look what the booklet for
Yxy(47.6099, 0.3079, 0.3611)
contains.

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Color

Yxy(47.4035, 0.3080, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	A3BEA7
RGB	163, 190, 167
RGB Percent	64%, 75%, 65%
CMY	0.3608, 0.2549, 0.3452
CMYK	0.14, 0.00, 0.12, 0.25
HSL	129°, 17%, 69%
HSV	129°, 14%, 75%
XYZ	40.4888, 47.4035, 43.5649
YIQ	179.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

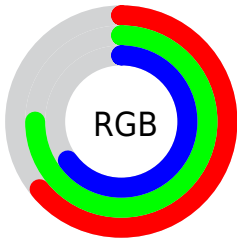
Format	Color
RYB	163, 187, 190
Decimal	10731175
CIELab	74.45, -13.64, 8.57
CIELCh	74, 16.111, 147.869
Yxy	47.4035, 0.3080, 0.3606
Android (android.graphics.Color)	4288921255 (0xFFA3BEA7)
YUV	179.3050, -6.0664, -14.2995
Hunter-Lab	68.8502, -15.5171, 10.6794

Details

The Yxy color **47.4035, 0.3080, 0.3606** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6834, 0.3178, 0.2993**, and the grayscale version is **45.2859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0909, 0.3090, 0.3544**, and **22.5086, 0.3064, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **44.9866, 0.3047, 0.3862**, and if you desaturate by 10%, it is **50.2007, 0.3113, 0.3378**.

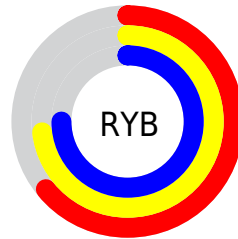
Distribution



Red (64%)

Green (75%)

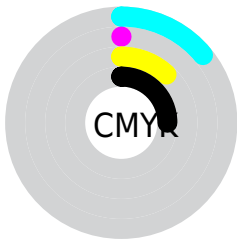
Blue (65%)



Red (64%)

Yellow (73%)

Blue (75%)

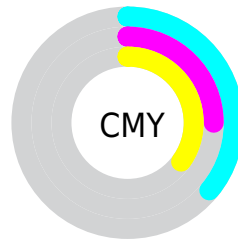


Cyan (14%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (36%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4035, 0.3080, 0.3606 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 47.4035, 0.3080, 0.3606 by changing the saturation by 10% instead.


 47.4035, 0.3080,
0.3606

 47.4035, 0.3080,
0.3606

376.4228, 0.3105,
0.3445

 33.3548, 0.3073,
0.3647


 86.3156, 0.3090,
0.3547

 22.3983, 0.3064,
0.3701


 111.9478, 0.3093,
0.3525

 14.1499, 0.3052,
0.3773


142.2098, 0.3096,
0.3506

 8.2250, 0.3033,
0.3876

177.4862, 0.3098,
0.3490

 4.2393, 0.3002,
0.4034

218.1613, 0.3100,
0.3477

 1.8083, 0.2945,
0.4307

264.6195, 0.3102,

 0.4923, 0.2150,

0.3465

0.7850

317.2452, 0.3104,
0.3454

0.0000, 0.0000,
0.0000

47.4035, 0.3080,
0.3606

47.4035, 0.3080,
0.3606

44.9866, 0.3047,
0.3862

50.2007, 0.3113,
0.3378

42.9279, 0.3014,
0.4145

53.3875, 0.3146,
0.3178

41.2120, 0.2985,
0.4449

56.9800, 0.3176,
0.3003

39.8201, 0.2962,
0.4764

60.9920, 0.3205,
0.2852

38.7317, 0.2946,
0.5076

64.8648, 0.3209,
0.2717

■ 37.9237, 0.2940,
0.5364

■ 65.3112, 0.3157,
0.2653

■ 37.3699, 0.2944,
0.5611

■ 37.0386, 0.2958,
0.5799

■ 36.9155, 0.2966,
0.5879

Harmonies

Analogous

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



47.4035, 0.3304, 0.3685



47.4035, 0.3080, 0.3606



47.4035, 0.2874, 0.3432

Triad

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



47.4035, 0.3080, 0.3606



47.4035, 0.2776, 0.2934



47.4035, 0.3532, 0.3337

Complementary

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



47.4035, 0.3080, 0.3606



40.6834, 0.3178, 0.2993

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.



47.4035, 0.3380, 0.3150



47.4035, 0.3080, 0.3606



47.4035, 0.2942, 0.2922

Square

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



47.4035, 0.3080, 0.3606



47.4035, 0.2703, 0.3040



47.4035, 0.3162, 0.3001



47.4035, 0.3570, 0.3519

Rectangle

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



47.4035, 0.3080, 0.3606



47.4035, 0.2773, 0.3291



47.4035, 0.3162, 0.3001



47.4035, 0.3492, 0.3273

Sweetspot

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



47.4055, 0.3080, 0.3606



91.0461, 0.3114, 0.3375



49.9652, 0.3306, 0.3641



19.9025, 0.3111, 0.3391



97.7402, 0.3127, 0.3290



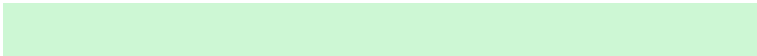
20.4902, 0.3127, 0.3290

Same Dimension

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



47.4055, 0.3080, 0.3606



84.4868, 0.3070, 0.3681



47.9156, 0.2984, 0.3423



10.6720, 0.3096, 0.3491



24.5512, 0.2962, 0.5864



0.9691, 0.2860, 0.5494

Inverse Universe

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



40.6834, 0.3178, 0.2993



70.0033, 0.3190, 0.2928



40.1507, 0.3295, 0.3160



9.6714, 0.3160, 0.3097



9.0208, 0.3616, 0.1766



0.3601, 0.3505, 0.1704

Previews

White Background



This preview shows how the Yxy color 47.4035, 0.3080, 0.3606 looks on a white background.

Color Contrast Check

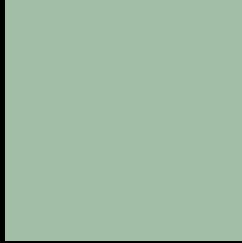
Large Text (above 18pt) WCAG AA × Fail

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 47.4035, 0.3080, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

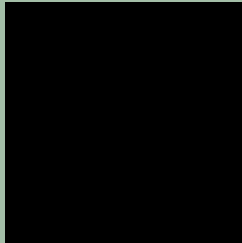
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4035, 0.3080, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 47.4035, 0.3080, 0.3606.



This preview shows how white text looks on a background with the Yxy color 47.4035, 0.3080, 0.3606.

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

47.4035, 0.3080, 0.3606

Protanopia

47.1766, 0.3360, 0.3537

Deuteranopia

46.9321, 0.3439, 0.3365



Tritanopia

47.3031, 0.2887, 0.3094

Trichromacy



Original Color

47.4035, 0.3080, 0.3606

Protanomaly

47.2020, 0.3259, 0.3569

Deuteranomaly

46.8595, 0.3303, 0.3446

Tritanomaly

47.3870, 0.2958, 0.3276

Monochromacy



Original Color

47.4035, 0.3080, 0.3606

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.8464, 0.3105, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4035, 0.3080, 0.3606 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(163, 190, 167)` looks like.

```
.text, #text, p{  
    color:rgb(163, 190, 167)  
}
```

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(163, 190, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 190, 167) }
```

Border

The CSS property to change the border of an element to Yxy 47.4035, 0.3080, 0.3606 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(163, 190, 167) }
```

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

```
.border{ border-color:rgb(163, 190, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 190, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 190, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 190, 167);  
box-shadow:4px 4px 4px 4px rgb(163, 190,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4035, 0.3080, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 190, 167) }
```

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

```
.background{ background-color: rgb(163,  
190, 167) }
```

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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