

Converting Colors

$Yxy(47.1193, 0.3090, 0.3473)$

Have a look what the booklet for
Yxy(47.1193, 0.3090, 0.3473)
contains.

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Color

Yxy(47.1038, 0.3094, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	AABBAD
RGB	170, 187, 173
RGB Percent	67%, 73%, 68%
CMY	0.3332, 0.2667, 0.3217
CMYK	0.09, 0.00, 0.08, 0.27
HSL	130°, 11%, 70%
HSV	130°, 9%, 73%
XYZ	41.8911, 47.1038, 46.3997
YIQ	180.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

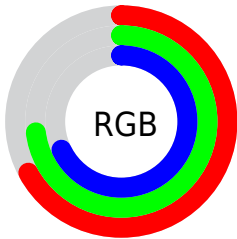
Format	Color
R _{YB}	170, 184, 187
Decimal	11189165
CIE Lab	74.26, -8.53, 5.11
CIE LCh	74, 9.940, 149.066
Yxy	47.1038, 0.3094, 0.3479
Android (android.graphics.Color)	4289379245 (0xFFAABBAD)
YUV	180.3210, -3.6093, -9.0515
Hunter-Lab	68.6322, -11.1552, 7.9587

Details

The Yxy color **47.1038, 0.3094, 0.3479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.7861, 0.3162, 0.3108**, and the grayscale version is **45.8468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7102, 0.3100, 0.3446**, and **22.2822, 0.3082, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **44.6032, 0.3057, 0.3713**, and if you desaturate by 10%, it is **49.9741, 0.3130, 0.3272**.

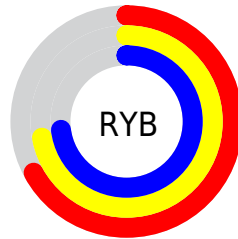
Distribution



Red (67%)

Green (73%)

Blue (68%)



Red (67%)

Yellow (72%)

Blue (73%)

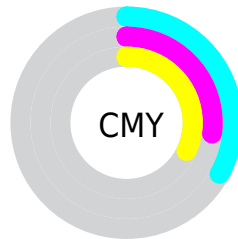


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (33%)


Magenta (27%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1038, 0.3094, 0.3479 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 47.1038, 0.3094, 0.3479 by changing the saturation by 10% instead.


 47.1038, 0.3094,
0.3479

 47.1038, 0.3094,
0.3479


375.2287, 0.3111,
0.3383

 33.1177, 0.3090,
0.3503


 85.8685, 0.3100,
0.3444

 22.2166, 0.3084,
0.3535

111.4160, 0.3103,
0.3431

 14.0162, 0.3076,
0.3577

141.5860, 0.3105,
0.3420

 8.1319, 0.3064,
0.3636

176.7630, 0.3106,
0.3411

 4.1795, 0.3046,
0.3728

217.3314, 0.3108,
0.3402

 1.7745, 0.3013,
0.3883

263.6756, 0.3109,

 0.4712, 0.2766,

0.3395

0.5437

316.1799, 0.3110,
0.3389

0.0000, 0.0000,
0.0000

47.1038, 0.3094,
0.3479

47.1038, 0.3094,
0.3479

44.6032, 0.3057,
0.3713

49.9741, 0.3130,
0.3272

42.4516, 0.3021,
0.3974

53.2221, 0.3166,
0.3091

40.6351, 0.2987,
0.4259

56.8630, 0.3199,
0.2934

39.1366, 0.2959,
0.4561

60.9094, 0.3230,
0.2797

37.9377, 0.2937,
0.4868

63.7207, 0.3193,
0.2666

■ 37.0178, 0.2926,
0.5167

■ 64.0216, 0.3158,
0.2624

■ 36.3538, 0.2925,
0.5437

■ 35.9188, 0.2937,
0.5662

■ 35.6671, 0.2955,
0.5830

Harmonies

Analogous

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



47.1038, 0.3233, 0.3531



47.1038, 0.3094, 0.3479



47.1038, 0.2966, 0.3373

Triad

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



47.1038, 0.3094, 0.3479



47.1038, 0.2912, 0.3067



47.1038, 0.3378, 0.3327

Complementary

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



47.1038, 0.3094, 0.3479



42.7861, 0.3162, 0.3108

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.



47.1038, 0.3289, 0.3208



47.1038, 0.3094, 0.3479



47.1038, 0.3018, 0.3060

Square

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



47.1038, 0.3094, 0.3479



47.1038, 0.2862, 0.3134



47.1038, 0.3156, 0.3111



47.1038, 0.3399, 0.3439

Rectangle

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



47.1038, 0.3094, 0.3479



47.1038, 0.2904, 0.3288



47.1038, 0.3156, 0.3111



47.1038, 0.3355, 0.3286

Sweetspot

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



47.1058, 0.3094, 0.3479



87.3825, 0.3116, 0.3351



48.6563, 0.3236, 0.3511



19.1508, 0.3113, 0.3368



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.



47.1058, 0.3094, 0.3479



83.3705, 0.3086, 0.3526



47.4404, 0.3031, 0.3365



10.6759, 0.3093, 0.3485



24.5688, 0.2952, 0.5827



0.9708, 0.2838, 0.5417

Inverse Universe

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



42.7861, 0.3162, 0.3108



73.9814, 0.3171, 0.3065



42.4449, 0.3234, 0.3216



9.6671, 0.3163, 0.3102



8.9103, 0.3696, 0.1810



0.3566, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 47.1038, 0.3094, 0.3479 looks on a white background.

Color Contrast Check

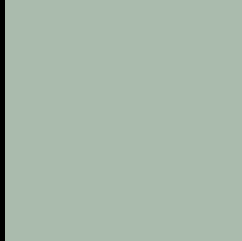
Large Text (above 18pt) WCAG AA × Fail

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 47.1038, 0.3094, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

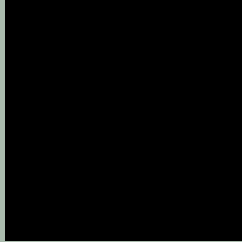
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

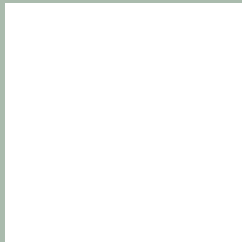
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1038, 0.3094, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 47.1038, 0.3094, 0.3479.



This preview shows how white text looks on a background with the Yxy color 47.1038, 0.3094, 0.3479.

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

47.1038, 0.3094, 0.3479

Protanopia

47.0495, 0.3276, 0.3446

Deuteranopia

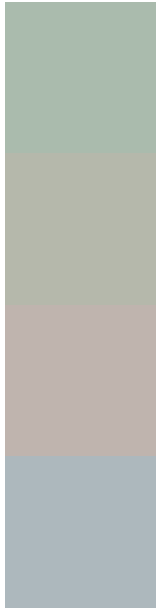
46.8423, 0.3377, 0.3303



Tritanopia

46.9429, 0.2940, 0.3095

Trichromacy



Original Color

47.1038, 0.3094, 0.3479

Protanomaly

47.0450, 0.3204, 0.3462

Deuteranomaly

46.7749, 0.3272, 0.3368

Tritanomaly

46.8393, 0.2998, 0.3224

Monochromacy



Original Color

47.1038, 0.3094, 0.3479

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.2714, 0.3115, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1038, 0.3094, 0.3479 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(170, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(170, 187, 173)  
}
```

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(170, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 187, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.1038, 0.3094, 0.3479 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(170, 187, 173) }
```

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

```
.border{ border-color:rgb(170, 187, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 187, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(170, 187,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1038, 0.3094, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 187, 173) }
```

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

```
.background{ background-color: rgb(170,  
187, 173) }
```

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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