

Converting Colors

$Yxy(47.4714, 0.3086, 0.3463)$

Have a look what the booklet for
Yxy(47.4714, 0.3086, 0.3463)
contains.

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Color

Yxy(47.7195, 0.3086, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	ABBCAF
RGB	171, 188, 175
RGB Percent	67%, 74%, 69%
CMY	0.3295, 0.2627, 0.3137
CMYK	0.09, 0.00, 0.07, 0.26
HSL	134°, 11%, 70%
HSV	134°, 9%, 74%
XYZ	42.5122, 47.7195, 47.5266
YIQ	181.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

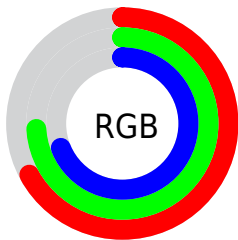
Format	Color
RYB	171, 185, 188
Decimal	11254959
CIELab	74.65, -8.34, 4.58
CIELCh	75, 9.515, 151.254
Yxy	47.7195, 0.3086, 0.3464
Android (android.graphics.Color)	4289445039 (0xFFABBCAF)
YUV	181.4350, -3.1725, -9.1515
Hunter-Lab	69.0793, -11.0377, 7.5639

Details

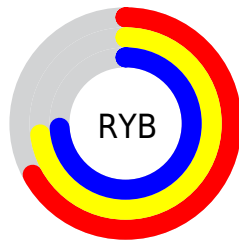
The Yxy color **47.7195, 0.3086, 0.3464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2715, 0.3171, 0.3122**, and the grayscale version is **46.4754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6396, 0.3089, 0.3425**, and **22.6799, 0.3072, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **45.2238, 0.3041, 0.3680**, and if you desaturate by 10%, it is **50.5796, 0.3131, 0.3273**.

Distribution



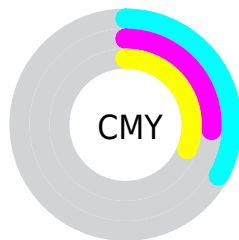
- Red (67%)
- Green (74%)
- Blue (69%)



- Red (67%)
- Yellow (73%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (33%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7195, 0.3086, 0.3464 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 47.7195, 0.3086, 0.3464 by changing the saturation by 10% instead.

 47.7195, 0.3086,
0.3464

 47.7195, 0.3086,
0.3464


377.6792, 0.3107,
0.3376

 33.6048, 0.3081,
0.3486


 86.7866, 0.3094,
0.3432

 22.5902, 0.3074,
0.3515


112.5078, 0.3097,
0.3420

 14.2912, 0.3064,
0.3553


142.8667, 0.3099,
0.3410

 8.3235, 0.3050,
0.3607

178.2476, 0.3101,
0.3401

 4.3026, 0.3029,
0.3690

219.0349, 0.3103,
0.3394

 1.8442, 0.2993,
0.3830

265.6130, 0.3104,

 0.5145, 0.2744,

0.3387

0.4946

318.3663, 0.3106,
0.3381

0.0000, 0.0000,
0.0000

47.7195, 0.3086,
0.3464

47.7195, 0.3086,
0.3464

45.2238, 0.3041,
0.3680

50.5796, 0.3131,
0.3273

43.0718, 0.2997,
0.3920

53.8117, 0.3176,
0.3105

41.2503, 0.2956,
0.4182

57.4308, 0.3218,
0.2959

39.7425, 0.2922,
0.4462

61.4490, 0.3258,
0.2832

38.5303, 0.2897,
0.4750

63.9349, 0.3218,
0.2708

■ 37.5936, 0.2884,
0.5035

■ 64.4506, 0.3158,
0.2634

■ 36.9098, 0.2885,
0.5302

■ 36.4526, 0.2900,
0.5534

■ 36.1771, 0.2925,
0.5721

Harmonies

Analogous

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



47.7195, 0.3219, 0.3518



47.7195, 0.3086, 0.3464



47.7195, 0.2966, 0.3360

Triad

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



47.7195, 0.3086, 0.3464



47.7195, 0.2927, 0.3075



47.7195, 0.3370, 0.3333

Complementary

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



47.7195, 0.3086, 0.3464



43.2715, 0.3171, 0.3122

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.



47.7195, 0.3289, 0.3219



47.7195, 0.3086, 0.3464



47.7195, 0.3032, 0.3072

Square

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



47.7195, 0.3086, 0.3464



47.7195, 0.2876, 0.3135



47.7195, 0.3165, 0.3125



47.7195, 0.3385, 0.3439

Rectangle

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



47.7195, 0.3086, 0.3464



47.7195, 0.2909, 0.3279



47.7195, 0.3165, 0.3125



47.7195, 0.3350, 0.3295

Sweetspot

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



47.7215, 0.3086, 0.3464



89.5102, 0.3113, 0.3346



49.1050, 0.3226, 0.3512



19.1582, 0.3110, 0.3362



95.5105, 0.3127, 0.3290



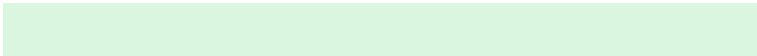
19.5994, 0.3127, 0.3290

Same Dimension

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



47.7215, 0.3086, 0.3464



85.4637, 0.3076, 0.3508



48.0649, 0.3023, 0.3350



10.6856, 0.3085, 0.3470



24.6234, 0.2921, 0.5717



0.9750, 0.2788, 0.5235

Inverse Universe

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



43.2715, 0.3171, 0.3122



75.6522, 0.3182, 0.3082



42.9269, 0.3243, 0.3231



9.6567, 0.3173, 0.3116



8.6546, 0.3904, 0.1924



0.3485, 0.3705, 0.1815

Previews

White Background



This preview shows how the Yxy color 47.7195, 0.3086, 0.3464 looks on a white background.

Color Contrast Check

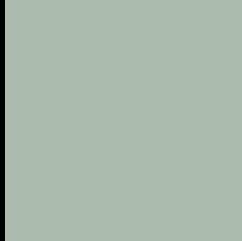
Large Text (above 18pt) WCAG AA × Fail

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 47.7195, 0.3086, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

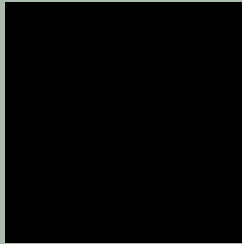
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

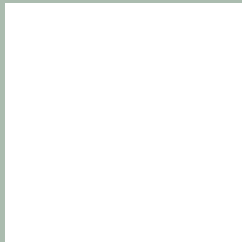
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7195, 0.3086, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 47.7195, 0.3086, 0.3464.



This preview shows how white text looks on a background with the Yxy color 47.7195, 0.3086, 0.3464.

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

47.7195, 0.3086, 0.3464

Protanopia

47.6643, 0.3267, 0.3432

Deuteranopia

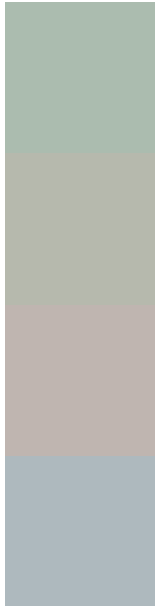
47.3151, 0.3358, 0.3291



Tritanopia

47.5185, 0.2940, 0.3096

Trichromacy



Original Color

47.7195, 0.3086, 0.3464

Protanomaly

47.6601, 0.3196, 0.3447

Deuteranomaly

47.2587, 0.3254, 0.3354

Tritanomaly

47.4143, 0.2999, 0.3224

Monochromacy



Original Color

47.7195, 0.3086, 0.3464

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8828, 0.3107, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7195, 0.3086, 0.3464 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(171, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 175)  
}
```

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(171, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.7195, 0.3086, 0.3464 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(171, 188, 175) }
```

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

```
.border{ border-color:rgb(171, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(171, 188,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7195, 0.3086, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 175) }
```

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

```
.background{ background-color: rgb(171,  
188, 175) }
```

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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