

Converting Colors

$Yxy(49.4091, 0.3073, 0.3507)$

Have a look what the booklet for
Yxy(49.4091, 0.3073, 0.3507)
contains.

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Color

Yxy(49.3799, 0.3069, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	AAC0B0
RGB	170, 192, 176
RGB Percent	67%, 75%, 69%
CMY	0.3334, 0.2470, 0.3098
CMYK	0.11, 0.00, 0.08, 0.25
HSL	136°, 15%, 71%
HSV	136°, 11%, 75%
XYZ	43.2620, 49.3799, 48.3227
YIQ	183.5980, -7.9760, -9.6400

Conversions

Conversions Part 2

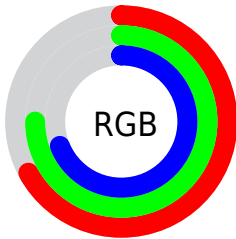
Format	Color
RYB	170, 187, 192
Decimal	11190448
CIELab	75.69, -10.59, 5.53
CIELCh	76, 11.943, 152.439
Yxy	49.3799, 0.3069, 0.3503
Android (android.graphics.Color)	4289380528 (0xFFAAC0B0)
YUV	183.5980, -3.7458, -11.9254
Hunter-Lab	70.2708, -13.0809, 8.4180

Details

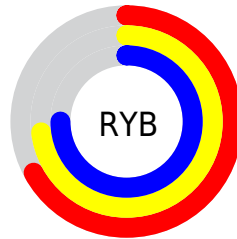
The Yxy color $49.3799, 0.3069, 0.3503$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $43.4998, 0.3191, 0.3086$, and the grayscale version is $47.7241, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9686, 0.3075, 0.3455$, and $23.7720, 0.3050, 0.3564$ is the 20% darker color. If you saturate the color by 10%, you get $46.8715, 0.3019, 0.3714$, and if you desaturate by 10%, it is $52.2619, 0.3120, 0.3316$.

Distribution



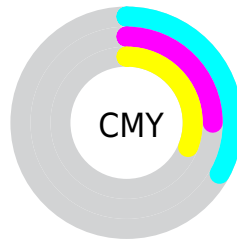
- Red (67%)
- Green (75%)
- Blue (69%)



- Red (67%)
- Yellow (73%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)




- Cyan (33%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3799, 0.3069, 0.3503 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 49.3799, 0.3069, 0.3503 by changing the saturation by 10% instead.


 49.3799, 0.3069,
0.3503

 49.3799, 0.3069,
0.3503


384.2360, 0.3099,
0.3396

 34.9209, 0.3061,
0.3530


 89.2554, 0.3080,
0.3464

 23.6020, 0.3052,
0.3565


115.4408, 0.3084,
0.3449

 15.0386, 0.3038,
0.3611


146.3037, 0.3087,
0.3437

 8.8465, 0.3020,
0.3677

182.2286, 0.3090,
0.3426

 4.6412, 0.2991,
0.3775

223.5999, 0.3093,
0.3417

 2.0383, 0.2941,
0.3942

270.8020, 0.3095,

 0.6296, 0.2679,

0.3409

0.4962

324.2192, 0.3097,
0.3402

0.0000, 0.0000,
0.0000

49.3799, 0.3069,
0.3503

49.3799, 0.3069,
0.3503

46.8715, 0.3019,
0.3714

52.2619, 0.3120,
0.3316

44.7152, 0.2971,
0.3948

55.5255, 0.3170,
0.3150

42.8968, 0.2928,
0.4202

59.1864, 0.3218,
0.3006

41.3987, 0.2893,
0.4472

63.2574, 0.3264,
0.2880

40.2018, 0.2869,
0.4749

65.6051, 0.3223,
0.2757

■ 39.2848, 0.2858,
0.5023

■ 66.1822, 0.3156,
0.2673

■ 38.6234, 0.2863,
0.5278

■ 38.1891, 0.2882,
0.5503

■ 37.9534, 0.2906,
0.5663

Harmonies

Analogous

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



49.3799, 0.3234, 0.3573



49.3799, 0.3069, 0.3503



49.3799, 0.2923, 0.3371

Triad

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



49.3799, 0.3069, 0.3503



49.3799, 0.2884, 0.3022



49.3799, 0.3432, 0.3348

Complementary

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



49.3799, 0.3069, 0.3503



43.4998, 0.3191, 0.3086

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.



49.3799, 0.3333, 0.3208



49.3799, 0.3069, 0.3503



49.3799, 0.3015, 0.3023

Square

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



49.3799, 0.3069, 0.3503



49.3799, 0.2818, 0.3092



49.3799, 0.3180, 0.3090



49.3799, 0.3446, 0.3478

Rectangle

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



49.3799, 0.3069, 0.3503



49.3799, 0.2854, 0.3269



49.3799, 0.3180, 0.3090



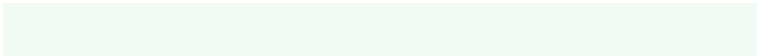
49.3799, 0.3407, 0.3301

Sweetspot

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



49.3820, 0.3069, 0.3503



93.8166, 0.3112, 0.3344



51.0605, 0.3247, 0.3573



20.0324, 0.3108, 0.3358



97.7402, 0.3127, 0.3290



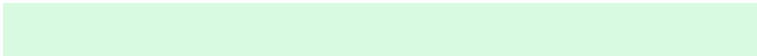
20.4902, 0.3127, 0.3290

Same Dimension

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



49.3820, 0.3069, 0.3503



88.1496, 0.3055, 0.3559



49.8299, 0.2990, 0.3357



11.3030, 0.3080, 0.3462



25.5480, 0.2900, 0.5642



1.1159, 0.2770, 0.5174

Inverse Universe

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



43.4998, 0.3191, 0.3086



75.1753, 0.3208, 0.3035



43.0547, 0.3285, 0.3224



10.1991, 0.3178, 0.3124



8.8215, 0.4034, 0.1996



0.3922, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 49.3799, 0.3069, 0.3503 looks on a white background.

Color Contrast Check

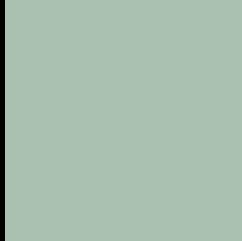
Large Text (above 18pt) WCAG AA × Fail

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 49.3799, 0.3069, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

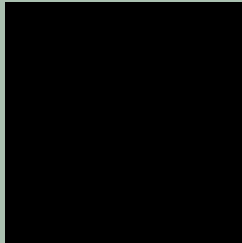
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3799, 0.3069, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 49.3799, 0.3069, 0.3503.



This preview shows how white text looks on a background with the Yxy color 49.3799, 0.3069, 0.3503.

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

49.3799, 0.3069, 0.3503

Protanopia

49.4338, 0.3297, 0.3468

Deuteranopia

49.1223, 0.3380, 0.3315



Tritanopia

49.2769, 0.2906, 0.3098

Trichromacy



Original Color

49.3799, 0.3069, 0.3503

Protanomaly

49.2979, 0.3218, 0.3484

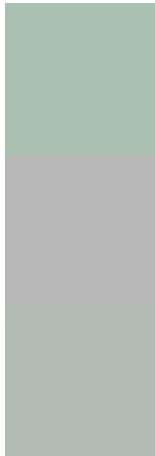
Deuteranomaly

48.9246, 0.3268, 0.3379

Tritanomaly

49.1297, 0.2969, 0.3238

Monochromacy



Original Color

49.3799, 0.3069, 0.3503

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.4605, 0.3107, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3799, 0.3069, 0.3503 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, 192, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 192, 176)  
}
```

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, 192, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 192, 176) }
```

Border

The CSS property to change the border of an element to Yxy 49.3799, 0.3069, 0.3503 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, 192, 176) }
```

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

```
.border{ border-color:rgb(170, 192, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 192, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 192, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 192, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 192,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3799, 0.3069, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 192, 176) }
```

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

```
.background{ background-color: rgb(170,  
192, 176) }
```

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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