

Converting Colors

Yxy(49.6552, 0.3109, 0.3546)

Have a look what the booklet for
Yxy(49.6552, 0.3109, 0.3546)
contains.

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Color

Yxy(49.4871, 0.3107, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	ACC0AD
RGB	172, 192, 173
RGB Percent	67%, 75%, 68%
CMY	0.3257, 0.2470, 0.3216
CMYK	0.10, 0.00, 0.10, 0.25
HSL	123°, 14%, 71%
HSV	123°, 10%, 75%
XYZ	43.3972, 49.4871, 46.7914
YIQ	183.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

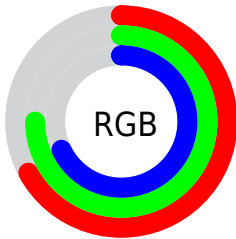
Format	Color
RYB	172, 191, 192
Decimal	11321517
CIELab	75.75, -10.47, 7.27
CIELCh	76, 12.749, 145.237
Yxy	49.4871, 0.3107, 0.3543
Android (android.graphics.Color)	4289511597 (0xFFACC0AD)
YUV	183.8540, -5.3510, -10.3960
Hunter-Lab	70.3471, -12.9904, 9.8062

Details

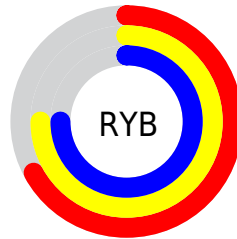
The Yxy color $49.4871, 0.3107, 0.3543$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.4585, 0.3148, 0.3049$, and the grayscale version is $47.8772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0671, 0.3111, 0.3497$, and $23.8388, 0.3101, 0.3618$ is the 20% darker color. If you saturate the color by 10%, you get $46.8141, 0.3086, 0.3818$, and if you desaturate by 10%, it is $52.5744, 0.3126, 0.3300$.

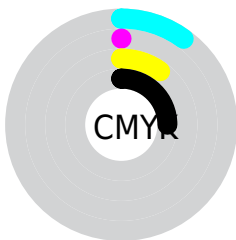
Distribution



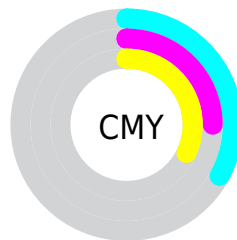
- Red (67%)
- Green (75%)
- Blue (68%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)




- Cyan (33%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4871, 0.3107, 0.3543 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 49.4871, 0.3107, 0.3543 by changing the saturation by 10% instead.

 49.4871, 0.3107,
0.3543

 49.4871, 0.3107,
0.3543


384.6568, 0.3118,
0.3416

 35.0060, 0.3104,
0.3575


 89.4145, 0.3111,
0.3497

 23.6675, 0.3100,
0.3617


115.6296, 0.3113,
0.3479

 15.0872, 0.3094,
0.3672


146.5248, 0.3114,
0.3464

 8.8806, 0.3086,
0.3750

182.4846, 0.3115,
0.3452

 4.6634, 0.3071,
0.3868

223.8933, 0.3116,
0.3441

 2.0511, 0.3044,
0.4067

271.1353, 0.3117,

 0.6369, 0.2984,

0.3432


0.5435

324.5950, 0.3117,
0.3423


 0.0000, 0.0000,
0.0000


 49.4871, 0.3107,
0.3543


 49.4871, 0.3107,
0.3543


 46.8141, 0.3086,
0.3818


 52.5744, 0.3126,
0.3300


 44.5318, 0.3065,
0.4124


 56.0858, 0.3144,
0.3089


 42.6238, 0.3044,
0.4455

 60.0389, 0.3160,
0.2906

 41.0701, 0.3025,
0.4797

 64.4483, 0.3175,
0.2748

 39.8489, 0.3008,
0.5134

 66.1869, 0.3156,
0.2673

■ 38.9358, 0.2996,
0.5441

■ 38.3034, 0.2990,
0.5693

■ 37.9191, 0.2990,
0.5871

■ 37.7284, 0.2991,
0.5969

Harmonies

Analogous

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



49.4871, 0.3281, 0.3598



49.4871, 0.3107, 0.3543



49.4871, 0.2942, 0.3414

Triad

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



49.4871, 0.3107, 0.3543



49.4871, 0.2844, 0.3016



49.4871, 0.3435, 0.3315

Complementary

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



49.4871, 0.3107, 0.3543



44.4585, 0.3148, 0.3049

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.



49.4871, 0.3311, 0.3169



49.4871, 0.3107, 0.3543



49.4871, 0.2969, 0.2999

Square

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



49.4871, 0.3107, 0.3543



49.4871, 0.2793, 0.3107



49.4871, 0.3140, 0.3054



49.4871, 0.3473, 0.3460

Rectangle

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



49.4871, 0.3107, 0.3543



49.4871, 0.2859, 0.3307



49.4871, 0.3140, 0.3054



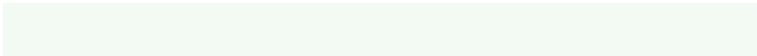
49.4871, 0.3402, 0.3265

Sweetspot

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



49.4892, 0.3107, 0.3543



93.7159, 0.3121, 0.3360



51.7620, 0.3272, 0.3545



20.0053, 0.3120, 0.3379



97.7402, 0.3127, 0.3290



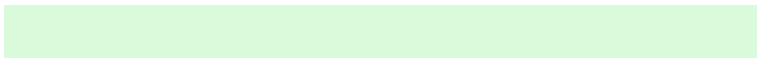
20.4902, 0.3127, 0.3290

Same Dimension

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



49.4892, 0.3107, 0.3543



88.2427, 0.3101, 0.3616



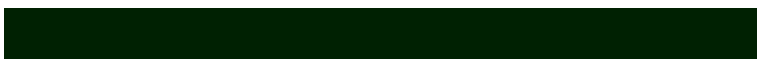
49.8912, 0.3033, 0.3408



11.2670, 0.3109, 0.3515



25.3856, 0.2989, 0.5962



1.0998, 0.2951, 0.5823

Inverse Universe

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



44.4585, 0.3148, 0.3049



76.9364, 0.3153, 0.2984



44.0329, 0.3232, 0.3175



10.2383, 0.3145, 0.3075



9.8215, 0.3340, 0.1614



0.4271, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 49.4871, 0.3107, 0.3543 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 49.4871, 0.3107, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

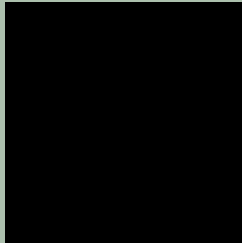
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

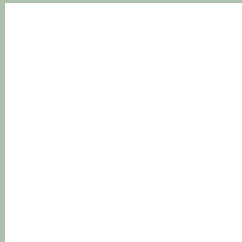
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4871, 0.3107, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 49.4871, 0.3107, 0.3543.



This preview shows how white text looks on a background with the Yxy color 49.4871, 0.3107, 0.3543.

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

49.4871, 0.3107, 0.3543

Protanopia

49.4894, 0.3322, 0.3494

Deuteranopia

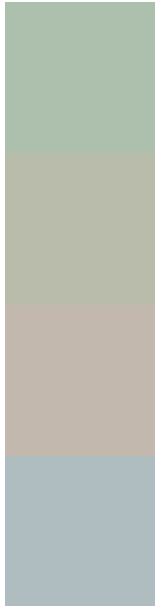
49.1476, 0.3415, 0.3352



Tritanopia

49.6253, 0.2929, 0.3099

Trichromacy



Original Color

49.4871, 0.3107, 0.3543

Protanomaly

49.3458, 0.3243, 0.3510

Deuteranomaly

48.9391, 0.3302, 0.3417

Tritanomaly

49.3149, 0.2992, 0.3251

Monochromacy



Original Color

49.4871, 0.3107, 0.3543

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5392, 0.3123, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4871, 0.3107, 0.3543 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(172, 192, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 192, 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(172, 192, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 192, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.4871, 0.3107, 0.3543 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(172, 192, 173) }
```

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

```
.border{ border-color:rgb(172, 192, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 192, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 192, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 192, 173);  
box-shadow:4px 4px 4px 4px rgb(172, 192,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4871, 0.3107, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 192, 173) }
```

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

```
.background{ background-color: rgb(172,  
192, 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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