

Converting Colors

$Yxy(49.2347, 0.3174, 0.3527)$

Have a look what the booklet for
Yxy(49.2347, 0.3174, 0.3527)
contains.

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Color

Yxy(49.3892, 0.3174, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	B3BEAC
RGB	179, 190, 172
RGB Percent	70%, 75%, 67%
CMY	0.2979, 0.2549, 0.3255
CMYK	0.06, 0.00, 0.09, 0.25
HSL	97°, 12%, 71%
HSV	97°, 9%, 75%
XYZ	44.4587, 49.3892, 46.2236
YIQ	184.6590, -0.7780, -7.9300

Conversions

Conversions Part 2

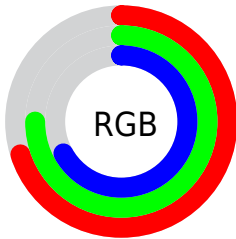
Format	Color
RYB	172, 190, 183
Decimal	11779756
CIELab	75.69, -7.10, 7.78
CIELCh	76, 10.530, 132.387
Yxy	49.3892, 0.3174, 0.3526
Android (android.graphics.Color)	4289969836 (0xFFB3BEAC)
YUV	184.6590, -6.2409, -4.9629
Hunter-Lab	70.2775, -10.0635, 10.1974

Details

The Yxy color **49.3892, 0.3174, 0.3526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2876, 0.3076, 0.3057**, and the grayscale version is **48.3571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1198, 0.3170, 0.3484**, and **23.6830, 0.3179, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **47.3916, 0.3222, 0.3799**, and if you desaturate by 10%, it is **51.6111, 0.3125, 0.3277**.

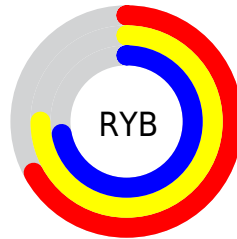
Distribution



Red (70%)

Green (75%)

Blue (67%)



Red (67%)

Yellow (75%)

Blue (72%)

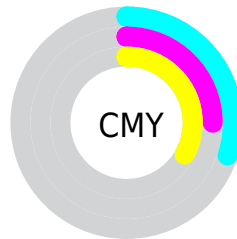


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (25%)



Cyan (30%)


Magenta (25%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3892, 0.3174, 0.3526 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 49.3892, 0.3174, 0.3526 by changing the saturation by 10% instead.

 49.3892, 0.3174,
0.3526

 49.3892, 0.3174,
0.3526


384.2725, 0.3152,
0.3408

 34.9283, 0.3179,
0.3556


 89.2692, 0.3166,
0.3483

 23.6077, 0.3186,
0.3594


115.4572, 0.3163,
0.3467

 15.0428, 0.3194,
0.3645


146.3229, 0.3160,
0.3453

 8.8495, 0.3206,
0.3717

182.2508, 0.3158,
0.3441

 4.6431, 0.3221,
0.3825

223.6254, 0.3156,
0.3431

 2.0394, 0.3244,
0.4005

270.8309, 0.3154,

 0.6302, 0.3552,

0.3422

0.5259

324.2518, 0.3153,
0.3415

0.0000, 0.0000,
0.0000

49.3892, 0.3174,
0.3526

49.3892, 0.3174,
0.3526

47.3916, 0.3222,
0.3799

51.6111, 0.3125,
0.3277

45.6045, 0.3267,
0.4092

54.0576, 0.3075,
0.3053

44.0225, 0.3305,
0.4399

56.7375, 0.3028,
0.2853

42.6374, 0.3333,
0.4711

59.6570, 0.2982,
0.2675

41.4405, 0.3347,
0.5013

62.0247, 0.3021,
0.2626

■ 40.4222, 0.3344,
0.5288

■ 64.0784, 0.3107,
0.2643

■ 39.5719, 0.3323,
0.5519

■ 65.3032, 0.3157,
0.2653

■ 38.8776, 0.3284,
0.5693

■ 38.3201, 0.3233,
0.5811

Harmonies

Analogous

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



49.3892, 0.3308, 0.3541



49.3892, 0.3174, 0.3526



49.3892, 0.3030, 0.3443

Triad

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



49.3892, 0.3174, 0.3526



49.3892, 0.2866, 0.3089



49.3892, 0.3345, 0.3258

Complementary

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



49.3892, 0.3174, 0.3526



43.2876, 0.3076, 0.3057

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.



49.3892, 0.3222, 0.3144



49.3892, 0.3174, 0.3526



49.3892, 0.2946, 0.3047

Square

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



49.3892, 0.3174, 0.3526



49.3892, 0.2854, 0.3187



49.3892, 0.3075, 0.3067



49.3892, 0.3409, 0.3383

Rectangle

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



49.3892, 0.3174, 0.3526



49.3892, 0.2947, 0.3362



49.3892, 0.3075, 0.3067



49.3892, 0.3309, 0.3217

Sweetspot

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



49.3913, 0.3174, 0.3526



92.0479, 0.3142, 0.3364



47.7089, 0.3276, 0.3429



20.1403, 0.3146, 0.3384



97.7402, 0.3127, 0.3290



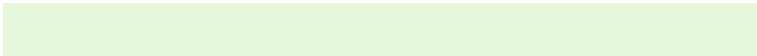
20.4902, 0.3127, 0.3290

Same Dimension

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



49.3913, 0.3174, 0.3526



88.8645, 0.3182, 0.3571



48.6434, 0.3102, 0.3506



10.8268, 0.3173, 0.3523



25.5078, 0.3239, 0.5810



1.0372, 0.3438, 0.5652

Inverse Universe

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



43.2876, 0.3076, 0.3057



75.9510, 0.3066, 0.3013



44.0938, 0.3153, 0.3083



9.5049, 0.3077, 0.3060



4.9713, 0.2261, 0.1019



0.2315, 0.2490, 0.1145

Previews

White Background



This preview shows how the Yxy color 49.3892, 0.3174, 0.3526 looks on a white background.

Color Contrast Check

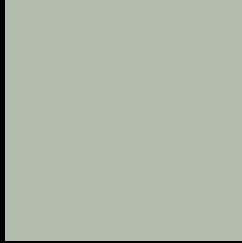
Large Text (above 18pt) WCAG AA × Fail

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 49.3892, 0.3174, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

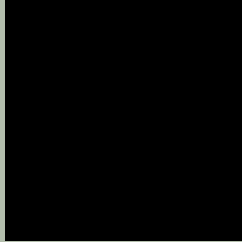
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

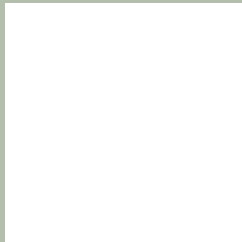
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3892, 0.3174, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 49.3892, 0.3174, 0.3526.



This preview shows how white text looks on a background with the Yxy color 49.3892, 0.3174, 0.3526.

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

49.3892, 0.3174, 0.3526

Protanopia

49.4894, 0.3322, 0.3494

Deuteranopia

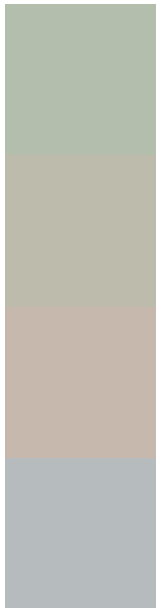
49.2538, 0.3432, 0.3364



Tritanopia

49.4021, 0.2990, 0.3101

Trichromacy



Original Color

49.3892, 0.3174, 0.3526

Protanomaly

49.2997, 0.3270, 0.3496

Deuteranomaly

49.3039, 0.3336, 0.3429

Tritanomaly

49.2034, 0.3063, 0.3251

Monochromacy



Original Color

49.3892, 0.3174, 0.3526

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.9032, 0.3148, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3892, 0.3174, 0.3526 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(179, 190, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 190, 172)  
}
```

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(179, 190, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 190, 172) }
```

Border

The CSS property to change the border of an element to Yxy 49.3892, 0.3174, 0.3526 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(179, 190, 172) }
```

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

```
.border{ border-color:rgb(179, 190, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 190, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 190, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 190, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 190,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3892, 0.3174, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 190, 172) }
```

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

```
.background{ background-color: rgb(179,  
190, 172) }
```

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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