

Converting Colors

$Yxy(49.1203, 0.3137, 0.3579)$

Have a look what the booklet for
Yxy(49.1203, 0.3137, 0.3579)
contains.

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Color

Yxy(49.0481, 0.3138, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	ADBFAA
RGB	173, 191, 170
RGB Percent	68%, 75%, 67%
CMY	0.3217, 0.2509, 0.3333
CMYK	0.09, 0.00, 0.11, 0.25
HSL	112°, 14%, 71%
HSV	112°, 11%, 75%
XYZ	43.1129, 49.0481, 45.2287
YIQ	183.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

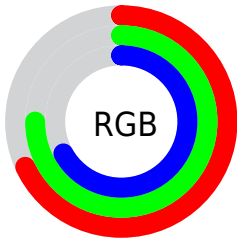
Format	Color
RYB	170, 191, 188
Decimal	11386794
CIELab	75.48, -10.14, 8.50
CIELCh	75, 13.233, 140.040
Yxy	49.0481, 0.3138, 0.3570
Android (android.graphics.Color)	4289576874 (0xFFADBFAA)
YUV	183.2240, -6.5194, -8.9664
Hunter-Lab	70.0343, -12.6762, 10.7342

Details

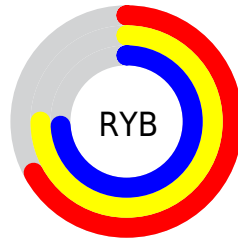
The Yxy color $49.0481, 0.3138, 0.3570$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.2153, 0.3114, 0.3021$, and the grayscale version is $47.5186, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4518, 0.3136, 0.3518$, and $23.5499, 0.3143, 0.3656$ is the 20% darker color. If you saturate the color by 10%, you get $46.6209, 0.3146, 0.3857$, and if you desaturate by 10%, it is $51.8147, 0.3128, 0.3314$.

Distribution



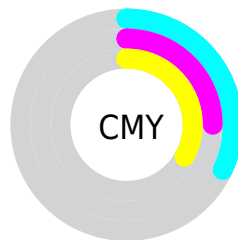
- Red (68%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0481, 0.3138, 0.3570 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 49.0481, 0.3138, 0.3570 by changing the saturation by 10% instead.

 49.0481, 0.3138,
0.3570

 49.0481, 0.3138,
0.3570


382.9316, 0.3134,
0.3429

 34.6576, 0.3139,
0.3606


 88.7629, 0.3137,
0.3518

 23.3993, 0.3139,
0.3652

114.8560, 0.3136,
0.3499

 14.8886, 0.3140,
0.3714


145.6188, 0.3136,
0.3483

 8.7412, 0.3139,
0.3801

181.4356, 0.3135,
0.3469

 4.5728, 0.3137,
0.3933

222.6910, 0.3135,
0.3457

 1.9989, 0.3129,
0.4156

269.7691, 0.3134,

 0.6068, 0.3283,

0.3446

0.6053

323.0546, 0.3134,
0.3437

0.0000, 0.0000,
0.0000

49.0481, 0.3138,
0.3570

49.0481, 0.3138,
0.3570

46.6209, 0.3146,
0.3857

51.8147, 0.3128,
0.3314

44.5140, 0.3150,
0.4171

54.9264, 0.3117,
0.3088

42.7157, 0.3151,
0.4507

58.3970, 0.3106,
0.2891

41.2116, 0.3145,
0.4849

62.2374, 0.3094,
0.2720

39.9856, 0.3134,
0.5181

65.7486, 0.3157,
0.2663

■ 39.0206, 0.3115,
0.5478

■ 38.2970, 0.3090,
0.5717

■ 37.7928, 0.3062,
0.5881

■ 37.4987, 0.3038,
0.5970

Harmonies

Analogous

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



49.0481, 0.3315, 0.3611



49.0481, 0.3138, 0.3570



49.0481, 0.2962, 0.3447

Triad

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



49.0481, 0.3138, 0.3570



49.0481, 0.2817, 0.3016



49.0481, 0.3431, 0.3289

Complementary

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



49.0481, 0.3138, 0.3570



43.2153, 0.3114, 0.3021

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.



49.0481, 0.3290, 0.3140



49.0481, 0.3138, 0.3570



49.0481, 0.2936, 0.2984

Square

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



49.0481, 0.3138, 0.3570



49.0481, 0.2780, 0.3122



49.0481, 0.3108, 0.3030



49.0481, 0.3488, 0.3442

Rectangle

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



49.0481, 0.3138, 0.3570



49.0481, 0.2868, 0.3337



49.0481, 0.3108, 0.3030



49.0481, 0.3392, 0.3237

Sweetspot

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



49.0502, 0.3138, 0.3570



91.7184, 0.3130, 0.3364



49.8898, 0.3294, 0.3518



20.0494, 0.3131, 0.3384



97.7402, 0.3127, 0.3290



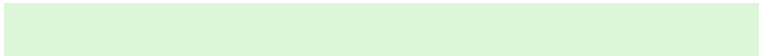
20.4902, 0.3127, 0.3290

Same Dimension

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



49.0502, 0.3138, 0.3570



86.8214, 0.3140, 0.3631



49.0044, 0.3059, 0.3472



10.7121, 0.3136, 0.3526



24.6603, 0.3043, 0.5966



0.9869, 0.3170, 0.5865

Inverse Universe

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



43.2153, 0.3114, 0.3021



74.4636, 0.3110, 0.2966



43.2777, 0.3202, 0.3115



9.6266, 0.3116, 0.3062



7.7008, 0.2862, 0.1350



0.3205, 0.2950, 0.1399

Previews

White Background



This preview shows how the Yxy color 49.0481, 0.3138, 0.3570 looks on a white background.

Color Contrast Check

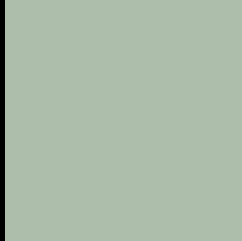
Large Text (above 18pt) WCAG AA × Fail

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 49.0481, 0.3138, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

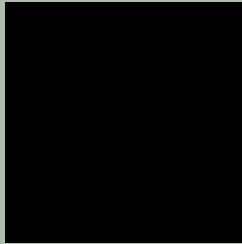
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

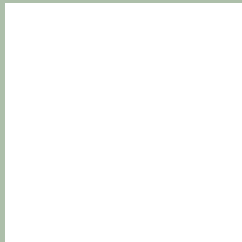
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0481, 0.3138, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 49.0481, 0.3138, 0.3570.



This preview shows how white text looks on a background with the Yxy color 49.0481, 0.3138, 0.3570.

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

49.0481, 0.3138, 0.3570

Protanopia

48.8254, 0.3340, 0.3521

Deuteranopia

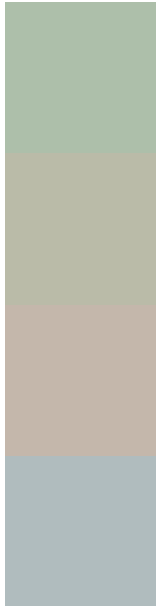
48.7741, 0.3452, 0.3377



Tritanopia

48.7998, 0.2950, 0.3099

Trichromacy



Original Color

49.0481, 0.3138, 0.3570

Protanomaly

48.8069, 0.3268, 0.3537

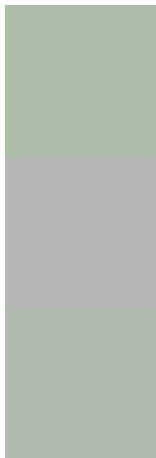
Deuteranomaly

48.5430, 0.3337, 0.3443

Tritanomaly

48.9143, 0.3015, 0.3264

Monochromacy



Original Color

49.0481, 0.3138, 0.3570

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.9159, 0.3131, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0481, 0.3138, 0.3570 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(173, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 170)  
}
```

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(173, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 170) }
```

Border

The CSS property to change the border of an element to Yxy 49.0481, 0.3138, 0.3570 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(173, 191, 170) }
```

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

```
.border{ border-color:rgb(173, 191, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 191, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 191, 170); box-shadow:4px 4px 4px 4px rgb(173, 191, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0481, 0.3138, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 170) }
```

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

```
.background{ background-color: rgb(173,  
191, 170) }
```

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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