

Converting Colors

$Yxy(48.7548, 0.3076, 0.3532)$

Have a look what the booklet for
Yxy(48.7548, 0.3076, 0.3532)
contains.

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Color

Yxy(48.6036, 0.3075, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	A8BFAD
RGB	168, 191, 173
RGB Percent	66%, 75%, 68%
CMY	0.3414, 0.2509, 0.3215
CMYK	0.12, 0.00, 0.09, 0.25
HSL	133°, 15%, 70%
HSV	133°, 12%, 75%
XYZ	42.3149, 48.6036, 46.6908
YIQ	182.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

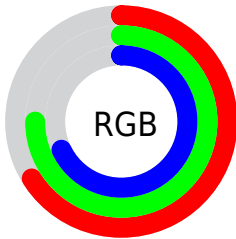
Format	Color
RYB	168, 187, 191
Decimal	11059117
CIELab	75.20, -11.33, 6.43
CIElCh	75, 13.031, 150.432
Yxy	48.6036, 0.3075, 0.3532
Android (android.graphics.Color)	4289249197 (0xFFA8BFAD)
YUV	182.0710, -4.4720, -12.3403
Hunter-Lab	69.7163, -13.6615, 9.0933

Details

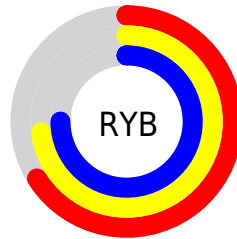
The Yxy color **48.6036, 0.3075, 0.3532** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6090, 0.3184, 0.3059**, and the grayscale version is **46.8449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8109, 0.3086, 0.3488**, and **23.2704, 0.3058, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **46.1161, 0.3032, 0.3761**, and if you desaturate by 10%, it is **51.4676, 0.3118, 0.3329**.

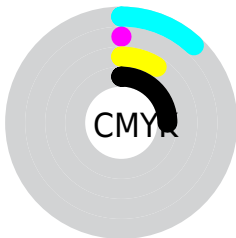
Distribution



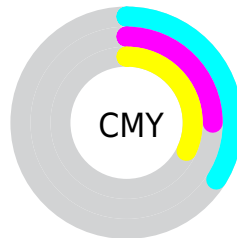
- Red (66%)
- Green (75%)
- Blue (68%)



- Red (66%)
- Yellow (73%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6036, 0.3075, 0.3532 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 48.6036, 0.3075, 0.3532 by changing the saturation by 10% instead.


 48.6036, 0.3075,
0.3532


 48.6036, 0.3075,
0.3532


381.1797, 0.3102,
0.3410

 34.3051, 0.3068,
0.3563


 88.1024, 0.3085,
0.3487

 23.1281, 0.3059,
0.3603

 114.0716, 0.3089,
0.3471

 14.6881, 0.3046,
0.3657


144.6997, 0.3092,
0.3457

 8.6008, 0.3029,
0.3732

180.3713, 0.3094,
0.3445

 4.4817, 0.3001,
0.3848

221.4707, 0.3097,
0.3434

 1.9465, 0.2951,
0.4044

268.3823, 0.3099,

 0.5761, 0.2644,

0.3425

0.5622

321.4905, 0.3100,
0.3417

0.0000, 0.0000,
0.0000

48.6036, 0.3075,
0.3532

48.6036, 0.3075,
0.3532

46.1161, 0.3032,
0.3761

51.4676, 0.3118,
0.3329

43.9834, 0.2991,
0.4014

54.7165, 0.3161,
0.3151

42.1910, 0.2954,
0.4289

58.3661, 0.3201,
0.2995

40.7210, 0.2924,
0.4578

62.4294, 0.3240,
0.2860

39.5539, 0.2903,
0.4872

65.2793, 0.3211,
0.2731

■ 38.6677, 0.2894,
0.5157

■ 65.7487, 0.3157,
0.2663

■ 38.0379, 0.2899,
0.5415

■ 37.6351, 0.2917,
0.5632

■ 37.4351, 0.2936,
0.5769

Harmonies

Analogous

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



48.6036, 0.3255, 0.3603



48.6036, 0.3075, 0.3532



48.6036, 0.2912, 0.3390

Triad

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



48.6036, 0.3075, 0.3532



48.6036, 0.2853, 0.3000



48.6036, 0.3457, 0.3343

Complementary

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



48.6036, 0.3075, 0.3532



42.6090, 0.3184, 0.3059

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.



48.6036, 0.3343, 0.3190



48.6036, 0.3075, 0.3532



48.6036, 0.2993, 0.2995

Square

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



48.6036, 0.3075, 0.3532



48.6036, 0.2787, 0.3080



48.6036, 0.3172, 0.3065



48.6036, 0.3480, 0.3487

Rectangle

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



48.6036, 0.3075, 0.3532



48.6036, 0.2834, 0.3278



48.6036, 0.3172, 0.3065



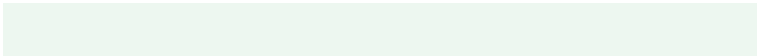
48.6036, 0.3428, 0.3291

Sweetspot

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



48.6057, 0.3075, 0.3532



91.0880, 0.3110, 0.3367



50.5355, 0.3263, 0.3588



19.9133, 0.3106, 0.3382



97.7402, 0.3127, 0.3290



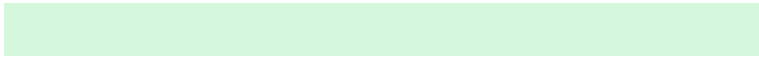
20.4902, 0.3127, 0.3290

Same Dimension

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



48.6057, 0.3075, 0.3532



86.0243, 0.3066, 0.3579



49.0690, 0.2991, 0.3376



10.6830, 0.3087, 0.3474



24.6073, 0.2930, 0.5749



0.9739, 0.2801, 0.5282

Inverse Universe

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



42.6090, 0.3184, 0.3059



73.5628, 0.3195, 0.3017



42.1407, 0.3284, 0.3205



9.6595, 0.3170, 0.3113



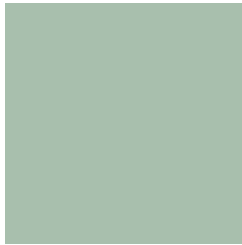
8.7199, 0.3847, 0.1893



0.3506, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 48.6036, 0.3075, 0.3532 looks on a white background.

Color Contrast Check

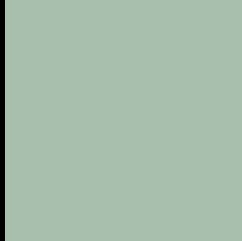
Large Text (above 18pt) WCAG AA × Fail

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 48.6036, 0.3075, 0.3532 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

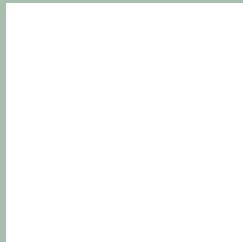
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6036, 0.3075, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 48.6036, 0.3075, 0.3532.



This preview shows how white text looks on a background with the Yxy color 48.6036, 0.3075, 0.3532.

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

48.6036, 0.3075, 0.3532

Protanopia

48.3520, 0.3316, 0.3483

Deuteranopia

48.4966, 0.3390, 0.3328



Tritanopia

48.6892, 0.2904, 0.3097

Trichromacy



Original Color

48.6036, 0.3075, 0.3532

Protanomaly

48.5102, 0.3226, 0.3512

Deuteranomaly

48.1686, 0.3269, 0.3392

Tritanomaly

48.3860, 0.2968, 0.3250

Monochromacy



Original Color

48.6036, 0.3075, 0.3532

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2997, 0.3107, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6036, 0.3075, 0.3532 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(168, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(168, 191, 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(168, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 191, 173) }
```

Border

The CSS property to change the border of an element to Yxy 48.6036, 0.3075, 0.3532 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(168, 191, 173) }
```

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

```
.border{ border-color:rgb(168, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(168, 191,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6036, 0.3075, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 191, 173) }
```

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

```
.background{ background-color: rgb(168,  
191, 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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