

Converting Colors

$Yxy(48.1375, 0.3053, 0.3492)$

Have a look what the booklet for
Yxy(48.1375, 0.3053, 0.3492)
contains.

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Color

Yxy(48.1375, 0.3053, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	A7BEAF
RGB	167, 190, 175
RGB Percent	65%, 75%, 69%
CMY	0.3451, 0.2549, 0.3137
CMYK	0.12, 0.00, 0.08, 0.25
HSL	141°, 15%, 70%
HSV	141°, 12%, 75%
XYZ	42.0858, 48.1375, 47.6275
YIQ	181.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

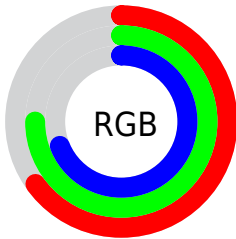
Format	Color
RYB	167, 184, 190
Decimal	10993327
CIELab	74.91, -10.76, 4.92
CIELCh	75, 11.836, 155.416
Yxy	48.1375, 0.3053, 0.3492
Android (android.graphics.Color)	4289183407 (0xFFA7BEAF)
YUV	181.4130, -3.1616, -12.6402
Hunter-Lab	69.3812, -13.1410, 7.8666

Details

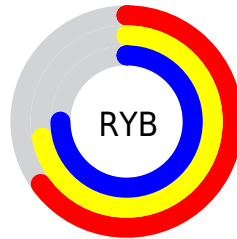
The Yxy color **48.1375, 0.3053, 0.3492** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9605, 0.3210, 0.3096**, and the grayscale version is **46.4648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2107, 0.3063, 0.3446**, and **22.9662, 0.3028, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **45.7551, 0.2993, 0.3681**, and if you desaturate by 10%, it is **50.8727, 0.3114, 0.3323**.

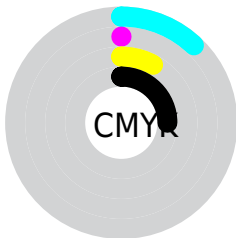
Distribution



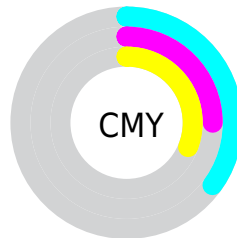
- Red (65%)
- Green (75%)
- Blue (69%)



- Red (65%)
- Yellow (72%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1375, 0.3053, 0.3492 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 48.1375, 0.3053, 0.3492 by changing the saturation by 10% instead.


 48.1375, 0.3053,
0.3492

 48.1375, 0.3053,
0.3492


379.3369, 0.3091,
0.3390

 33.9358, 0.3043,
0.3518


 87.4091, 0.3067,
0.3455

 22.8443, 0.3031,
0.3551


 113.2478, 0.3072,
0.3441

 14.4786, 0.3014,
0.3596


143.7342, 0.3076,
0.3429

 8.4543, 0.2991,
0.3659

179.2528, 0.3080,
0.3419

 4.3870, 0.2955,
0.3755

220.1880, 0.3083,
0.3410

 1.8923, 0.2892,
0.3918

266.9241, 0.3086,

 0.5437, 0.2430,

0.3403

0.5200

319.8456, 0.3088,
0.3396

0.0000, 0.0000,
0.0000

48.1375, 0.3053,
0.3492

48.1375, 0.3053,
0.3492

45.7551, 0.2993,
0.3681

50.8727, 0.3114,
0.3323

43.7050, 0.2937,
0.3891

53.9682, 0.3175,
0.3174

41.9738, 0.2886,
0.4118


57.4388, 0.3235,
0.3043


40.5449, 0.2846,
0.4361

61.2967, 0.3292,
0.2928


39.4000, 0.2817,
0.4612


64.2023, 0.3291,
0.2820


 38.5188, 0.2804,
0.4863

 64.9519, 0.3198,
0.2704

 37.8782, 0.2809,
0.5103

 65.3099, 0.3157,
0.2653

 37.4509, 0.2830,
0.5324

 37.2240, 0.2855,
0.5478

Harmonies

Analogous

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



48.1375, 0.3218, 0.3570



48.1375, 0.3053, 0.3492



48.1375, 0.2911, 0.3356

Triad

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



48.1375, 0.3053, 0.3492



48.1375, 0.2894, 0.3019



48.1375, 0.3437, 0.3362

Complementary

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



48.1375, 0.3053, 0.3492



41.9605, 0.3210, 0.3096

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.



48.1375, 0.3346, 0.3221



48.1375, 0.3053, 0.3492



48.1375, 0.3031, 0.3027

Square

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



48.1375, 0.3053, 0.3492



48.1375, 0.2821, 0.3083



48.1375, 0.3196, 0.3100



48.1375, 0.3443, 0.3489

Rectangle

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



48.1375, 0.3053, 0.3492



48.1375, 0.2847, 0.3254



48.1375, 0.3196, 0.3100



48.1375, 0.3416, 0.3315

Sweetspot

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



48.1395, 0.3053, 0.3492



91.1636, 0.3102, 0.3355



49.6056, 0.3240, 0.3591



19.9329, 0.3098, 0.3367



97.7402, 0.3127, 0.3290



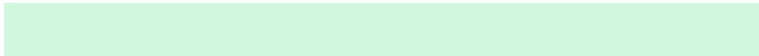
20.4902, 0.3127, 0.3290

Same Dimension

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



48.1395, 0.3053, 0.3492



85.8095, 0.3034, 0.3549



48.5970, 0.2972, 0.3340



10.7029, 0.3070, 0.3443



24.7634, 0.2848, 0.5454



0.9825, 0.2707, 0.4943

Inverse Universe

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



41.9605, 0.3210, 0.3096



72.0197, 0.3234, 0.3044



41.5167, 0.3308, 0.3240



9.6384, 0.3189, 0.3141



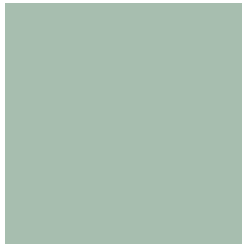
8.2611, 0.4314, 0.2150



0.3355, 0.3986, 0.1970

Previews

White Background



This preview shows how the Yxy color 48.1375, 0.3053, 0.3492 looks on a white background.

Color Contrast Check

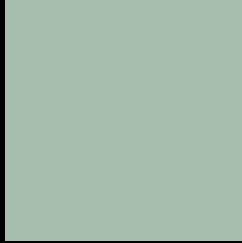
Large Text (above 18pt) WCAG AA × Fail

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 48.1375, 0.3053, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

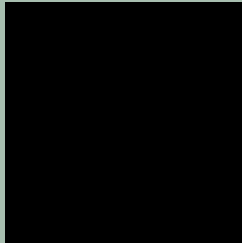
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1375, 0.3053, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 48.1375, 0.3053, 0.3492.



This preview shows how white text looks on a background with the Yxy color 48.1375, 0.3053, 0.3492.

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

48.1375, 0.3053, 0.3492

Protanopia

47.7544, 0.3284, 0.3445

Deuteranopia

47.8525, 0.3366, 0.3303



Tritanopia

47.9928, 0.2896, 0.3095

Trichromacy



Original Color

48.1375, 0.3053, 0.3492

Protanomaly

48.0415, 0.3203, 0.3474

Deuteranomaly

47.6669, 0.3253, 0.3367

Tritanomaly

47.8925, 0.2953, 0.3224

Monochromacy



Original Color

48.1375, 0.3053, 0.3492

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.7658, 0.3099, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1375, 0.3053, 0.3492 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(167, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 175)  
}
```

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(167, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.1375, 0.3053, 0.3492 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(167, 190, 175) }
```

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

```
.border{ border-color:rgb(167, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1375, 0.3053, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 175) }
```

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

```
.background{ background-color: rgb(167,  
190, 175) }
```

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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