

Converting Colors

$Yxy(47.9481, 0.3066, 0.3454)$

Have a look what the booklet for
Yxy(47.9481, 0.3066, 0.3454)
contains.

Yxy(48.0758, 0.3070, 0.3464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.0758, 0.3070, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	AABDB0
RGB	170, 189, 176
RGB Percent	67%, 74%, 69%
CMY	0.3334, 0.2588, 0.3098
CMYK	0.10, 0.00, 0.07, 0.26
HSL	139°, 13%, 70%
HSV	139°, 10%, 74%
XYZ	42.6076, 48.0758, 48.1036
YIQ	181.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

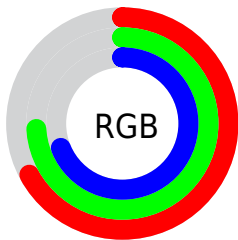
Format	Color
RYB	170, 184, 189
Decimal	11189680
CIELab	74.87, -9.03, 4.35
CIELCh	75, 10.022, 154.257
Yxy	48.0758, 0.3070, 0.3464
Android (android.graphics.Color)	4289379760 (0xFFAABDB0)
YUV	181.8370, -2.8776, -10.3810
Hunter-Lab	69.3367, -11.6505, 7.4022

Details

The Yxy color **48.0758, 0.3070, 0.3464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9812, 0.3189, 0.3122**, and the grayscale version is **46.7037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1386, 0.3076, 0.3425**, and **22.9151, 0.3051, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **45.6332, 0.3014, 0.3658**, and if you desaturate by 10%, it is **50.8741, 0.3127, 0.3291**.

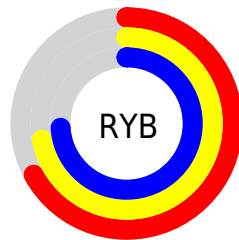
Distribution



Red (67%)

Green (74%)

Blue (69%)



Red (67%)

Yellow (72%)

Blue (74%)

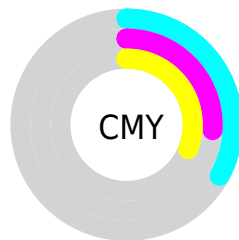


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (26%)



Cyan (33%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0758, 0.3070, 0.3464 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 48.0758, 0.3070, 0.3464 by changing the saturation by 10% instead.

■ 48.0758, 0.3070,
0.3464

■ 48.0758, 0.3070,
0.3464

379.0925, 0.3099,
0.3376

■ 33.8869, 0.3063,
0.3486

■ 87.3173, 0.3081,
0.3432

■ 22.8067, 0.3053,
0.3515

113.1386, 0.3085,
0.3420

■ 14.4509, 0.3040,
0.3553

143.6063, 0.3088,
0.3410

■ 8.4349, 0.3022,
0.3607

179.1046, 0.3091,
0.3401

■ 4.3745, 0.2994,
0.3689

220.0180, 0.3093,
0.3394

■ 1.8852, 0.2946,
0.3827

266.7308, 0.3095,

■ 0.5394, 0.2622,

0.3387

0.4839

319.6275, 0.3097,
0.3382

0.0000, 0.0000,
0.0000

48.0758, 0.3070,
0.3464

48.0758, 0.3070,
0.3464

45.6332, 0.3014,
0.3658

50.8741, 0.3127,
0.3291

43.5259, 0.2960,
0.3874

54.0354, 0.3183,
0.3139

41.7408, 0.2912,
0.4110

57.5743, 0.3237,
0.3005

40.2615, 0.2872,
0.4362

61.5029, 0.3289,
0.2889

39.0700, 0.2843,
0.4623

63.9891, 0.3264,
0.2775

■ 38.1467, 0.2828,
0.4885

■ 64.7880, 0.3168,
0.2656

■ 37.4691, 0.2830,
0.5136

■ 64.8797, 0.3157,
0.2644

■ 37.0110, 0.2848,
0.5364

■ 36.7229, 0.2878,
0.5560

Harmonies

Analogous

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



48.0758, 0.3210, 0.3527



48.0758, 0.3070, 0.3464



48.0758, 0.2948, 0.3351

Triad

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



48.0758, 0.3070, 0.3464



48.0758, 0.2926, 0.3061



48.0758, 0.3388, 0.3347

Complementary

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



48.0758, 0.3070, 0.3464



42.9812, 0.3189, 0.3122

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.



48.0758, 0.3308, 0.3227



48.0758, 0.3070, 0.3464



48.0758, 0.3041, 0.3065

Square

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



48.0758, 0.3070, 0.3464



48.0758, 0.2866, 0.3118



48.0758, 0.3181, 0.3125



48.0758, 0.3395, 0.3456

Rectangle

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



48.0758, 0.3070, 0.3464



48.0758, 0.2891, 0.3265



48.0758, 0.3181, 0.3125



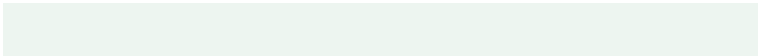
48.0758, 0.3368, 0.3307

Sweetspot

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



48.0778, 0.3070, 0.3464



89.5450, 0.3110, 0.3340



49.4055, 0.3226, 0.3538



19.1675, 0.3105, 0.3354



95.5105, 0.3127, 0.3290



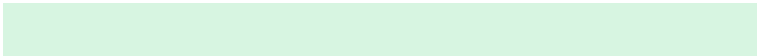
19.5994, 0.3127, 0.3290

Same Dimension

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



48.0778, 0.3070, 0.3464



85.1153, 0.3058, 0.3504



48.4550, 0.3002, 0.3340



10.6980, 0.3074, 0.3451



24.7177, 0.2871, 0.5537



0.9804, 0.2729, 0.5023

Inverse Universe

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



42.9812, 0.3189, 0.3122



74.2219, 0.3204, 0.3086



42.6100, 0.3269, 0.3241



9.6436, 0.3185, 0.3134



8.3652, 0.4192, 0.2083



0.3390, 0.3903, 0.1924

Previews

White Background



This preview shows how the Yxy color 48.0758, 0.3070, 0.3464 looks on a white background.

Color Contrast Check

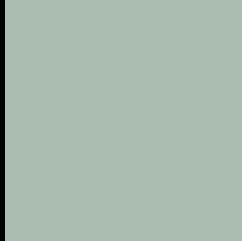
Large Text (above 18pt) WCAG AA × Fail

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 48.0758, 0.3070, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

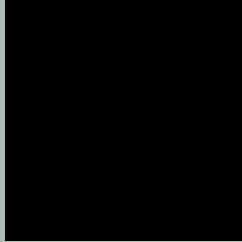
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

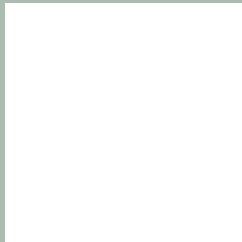
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0758, 0.3070, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 48.0758, 0.3070, 0.3464.



This preview shows how white text looks on a background with the Yxy color 48.0758, 0.3070, 0.3464.

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

48.0758, 0.3070, 0.3464

Protanopia

47.8313, 0.3267, 0.3419

Deuteranopia

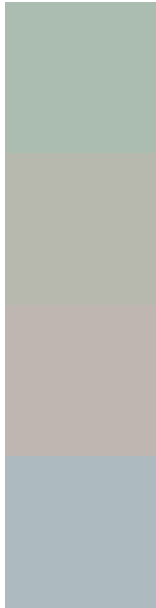
47.8925, 0.3357, 0.3291



Tritanopia

47.8667, 0.2926, 0.3096

Trichromacy



Original Color

48.0758, 0.3070, 0.3464

Protanomaly

47.8212, 0.3197, 0.3434

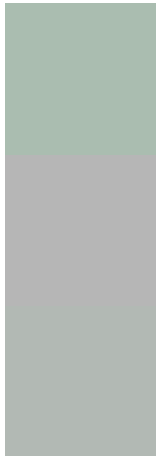
Deuteranomaly

47.8367, 0.3254, 0.3354

Tritanomaly

47.7636, 0.2983, 0.3224

Monochromacy



Original Color

48.0758, 0.3070, 0.3464

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4582, 0.3107, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0758, 0.3070, 0.3464 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(170, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 176)  
}
```

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(170, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 176) }
```

Border

The CSS property to change the border of an element to Yxy 48.0758, 0.3070, 0.3464 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(170, 189, 176) }
```

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

```
.border{ border-color:rgb(170, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0758, 0.3070, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 176) }
```

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

```
.background{ background-color: rgb(170,  
189, 176) }
```

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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