

Converting Colors

$Yxy(48.2781, 0.3080, 0.3512)$

Have a look what the booklet for
Yxy(48.2781, 0.3080, 0.3512)
contains.

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Color

Yxy(48.2791, 0.3084, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	A9BEAD
RGB	169, 190, 173
RGB Percent	66%, 75%, 68%
CMY	0.3372, 0.2549, 0.3215
CMYK	0.11, 0.00, 0.09, 0.25
HSL	131°, 14%, 70%
HSV	131°, 11%, 75%
XYZ	42.3231, 48.2791, 46.6323
YIQ	181.7830, -7.0590, -9.7390

Conversions

Conversions Part 2

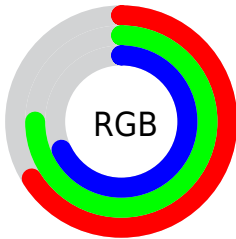
Format	Color
R _{YB}	169, 187, 190
Decimal	11124397
CIE _{Lab}	75.00, -10.43, 6.14
CIE _{LCh}	75, 12.106, 149.510
Yxy	48.2791, 0.3084, 0.3518
Android (android.graphics.Color)	4289314477 (0xFFA9BEAD)
YUV	181.7830, -4.3300, -11.2107
Hunter-Lab	69.4832, -12.8688, 8.8469

Details

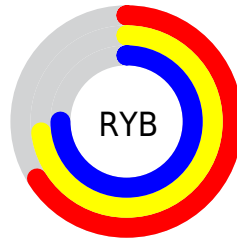
The Yxy color **48.2791, 0.3084, 0.3518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8760, 0.3173, 0.3072**, and the grayscale version is **46.6852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3603, 0.3093, 0.3477**, and **23.0537, 0.3070, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **45.7682, 0.3045, 0.3753**, and if you desaturate by 10%, it is **51.1680, 0.3123, 0.3310**.

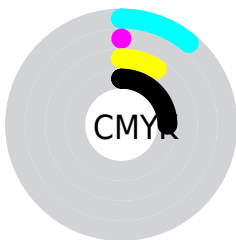
Distribution



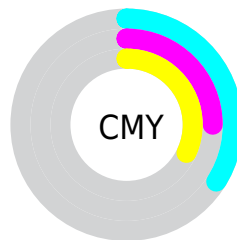
- Red (66%)
- Green (75%)
- Blue (68%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2791, 0.3084, 0.3518 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 48.2791, 0.3084, 0.3518 by changing the saturation by 10% instead.


 48.2791, 0.3084,
0.3518


 48.2791, 0.3084,
0.3518


379.8973, 0.3106,
0.3403

 34.0480, 0.3078,
0.3547


 87.6198, 0.3092,
0.3476

 22.9304, 0.3071,
0.3585

 113.4982, 0.3095,
0.3460

 14.5422, 0.3060,
0.3635

144.0277, 0.3098,
0.3447

 8.4987, 0.3045,
0.3707

179.5929, 0.3100,
0.3436

 4.4157, 0.3022,
0.3816

220.5780, 0.3102,
0.3426

 1.9087, 0.2979,
0.4000

267.3676, 0.3104,

 0.5536, 0.2719,

0.3417

0.5545

320.3459, 0.3105,
0.3410

0.0000, 0.0000,
0.0000

48.2791, 0.3084,
0.3518

48.2791, 0.3084,
0.3518

45.7682, 0.3045,
0.3753

51.1680, 0.3123,
0.3310

43.6138, 0.3007,
0.4013

54.4433, 0.3161,
0.3128

41.8013, 0.2972,
0.4296

58.1207, 0.3197,
0.2969

40.3130, 0.2943,
0.4594

62.2134, 0.3231,
0.2831

39.1294, 0.2923,
0.4897

64.9826, 0.3194,
0.2699

■ 38.2290, 0.2913,
0.5189

■ 65.3059, 0.3157,
0.2653

■ 37.5873, 0.2916,
0.5452

■ 37.1754, 0.2931,
0.5669

■ 36.9545, 0.2949,
0.5818

Harmonies

Analogous

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



48.2791, 0.3252, 0.3582



48.2791, 0.3084, 0.3518



48.2791, 0.2931, 0.3388

Triad

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



48.2791, 0.3084, 0.3518



48.2791, 0.2869, 0.3021



48.2791, 0.3432, 0.3335

Complementary

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



48.2791, 0.3084, 0.3518



42.8760, 0.3173, 0.3072

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.



48.2791, 0.3324, 0.3193



48.2791, 0.3084, 0.3518



48.2791, 0.2997, 0.3014

Square

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



48.2791, 0.3084, 0.3518



48.2791, 0.2809, 0.3099



48.2791, 0.3164, 0.3077



48.2791, 0.3456, 0.3470

Rectangle

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



48.2791, 0.3084, 0.3518



48.2791, 0.2857, 0.3284



48.2791, 0.3164, 0.3077



48.2791, 0.3404, 0.3287

Sweetspot

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



48.2812, 0.3084, 0.3518



91.6202, 0.3115, 0.3350



50.1494, 0.3257, 0.3561



20.0223, 0.3112, 0.3366



97.7402, 0.3127, 0.3290



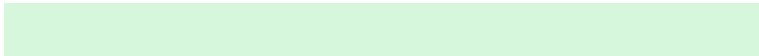
20.4902, 0.3127, 0.3290

Same Dimension

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



48.2812, 0.3084, 0.3518



86.4500, 0.3075, 0.3567



48.6970, 0.3008, 0.3378



10.6786, 0.3091, 0.3481



24.5823, 0.2944, 0.5800



0.9720, 0.2824, 0.5365

Inverse Universe

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



42.8760, 0.3173, 0.3072



74.9020, 0.3183, 0.3028



42.4522, 0.3263, 0.3204



9.6642, 0.3166, 0.3106



8.8370, 0.3752, 0.1840



0.3543, 0.3599, 0.1757

Previews

White Background



This preview shows how the Yxy color 48.2791, 0.3084, 0.3518 looks on a white background.

Color Contrast Check

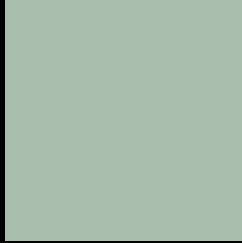
Large Text (above 18pt) WCAG AA × Fail

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 48.2791, 0.3084, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

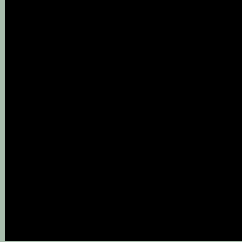
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

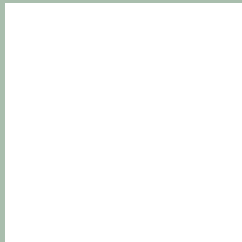
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2791, 0.3084, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 48.2791, 0.3084, 0.3518.



This preview shows how white text looks on a background with the Yxy color 48.2791, 0.3084, 0.3518.

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

48.2791, 0.3084, 0.3518

Protanopia

48.2596, 0.3299, 0.3470

Deuteranopia

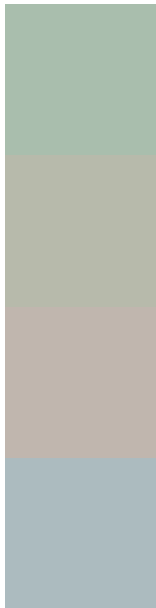
47.9151, 0.3392, 0.3328



Tritanopia

48.3335, 0.2919, 0.3097

Trichromacy



Original Color

48.2791, 0.3084, 0.3518

Protanomaly

48.1254, 0.3219, 0.3486

Deuteranomaly

47.7184, 0.3278, 0.3393

Tritanomaly

48.0729, 0.2976, 0.3237

Monochromacy



Original Color

48.2791, 0.3084, 0.3518

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 48.2791, 0.3084, 0.3518 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(169, 190, 173)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 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(169, 190, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 173) }
```

Border

The CSS property to change the border of an element to Yxy 48.2791, 0.3084, 0.3518 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(169, 190, 173) }
```

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

```
.border{ border-color:rgb(169, 190, 173) }
```

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

Here you see how a box with a 4 pixel rgb(169, 190, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 190, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 190, 173);  
box-shadow:4px 4px 4px 4px rgb(169, 190,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2791, 0.3084, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 173) }
```

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

```
.background{ background-color: rgb(169,  
190, 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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