

Converting Colors

$Yxy(48.0728, 0.3046, 0.3467)$

Have a look what the booklet for
Yxy(48.0728, 0.3046, 0.3467)
contains.

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Color

Yxy(48.1770, 0.3046, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	A7BEB0
RGB	167, 190, 176
RGB Percent	65%, 75%, 69%
CMY	0.3449, 0.2549, 0.3098
CMYK	0.12, 0.00, 0.07, 0.25
HSL	143°, 15%, 70%
HSV	143°, 12%, 75%
XYZ	42.1930, 48.1770, 48.1493
YIQ	181.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

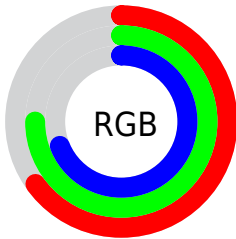
Format	Color
R _Y B	167, 184, 190
Decimal	10993328
CIE Lab	74.94, -10.55, 4.41
CIE LCh	75, 11.434, 157.288
Yxy	48.1770, 0.3046, 0.3478
Android (android.graphics.Color)	4289183408 (0xFFA7BEB0)
YUV	181.5270, -2.7248, -12.7402
Hunter-Lab	69.4097, -12.9597, 7.4574

Details

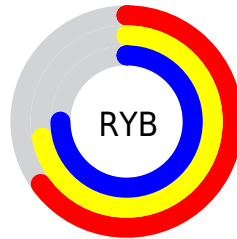
The Yxy color **48.1770, 0.3046, 0.3478** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9377, 0.3218, 0.3109**, and the grayscale version is **46.5322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2673, 0.3057, 0.3436**, and **22.9914, 0.3018, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **45.8196, 0.2981, 0.3654**, and if you desaturate by 10%, it is **50.8816, 0.3113, 0.3320**.

Distribution



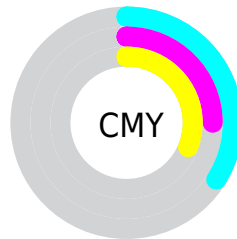
- Red (65%)
- Green (75%)
- Blue (69%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1770, 0.3046, 0.3478 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 48.1770, 0.3046, 0.3478 by changing the saturation by 10% instead.


 48.1770, 0.3046,
0.3478


 48.1770, 0.3046,
0.3478

379.4933, 0.3087,
0.3383

 33.9671, 0.3036,
0.3502

 87.4679, 0.3061,
0.3443

 22.8683, 0.3022,
0.3533


 113.3176, 0.3067,
0.3430

 14.4963, 0.3004,
0.3574


143.8161, 0.3071,
0.3420

 8.4666, 0.2979,
0.3633

179.3477, 0.3075,
0.3410

 4.3950, 0.2940,
0.3722

220.2968, 0.3079,
0.3402

 1.8969, 0.2874,
0.3872

267.0479, 0.3082,

 0.5465, 0.2393,

0.3395

0.4991

319.9852, 0.3085,
0.3389

0.0000, 0.0000,
0.0000

48.1770, 0.3046,
0.3478

48.1770, 0.3046,
0.3478

45.8196, 0.2981,
0.3654

50.8816, 0.3113,
0.3320

43.7892, 0.2919,
0.3849

53.9407, 0.3180,
0.3181

42.0725, 0.2864,
0.4061

57.3690, 0.3246,
0.3058

40.6533, 0.2820,
0.4287

61.1783, 0.3310,
0.2951

39.5135, 0.2788,
0.4522


64.0202, 0.3315,
0.2849


 38.6332, 0.2773,
0.4759

 64.7077, 0.3227,
0.2740

 37.9896, 0.2775,
0.4989

 65.3041, 0.3157,
0.2653

 37.5557, 0.2797,
0.5203

 37.3206, 0.2822,
0.5359

Harmonies

Analogous

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



48.1770, 0.3205, 0.3557



48.1770, 0.3046, 0.3478



48.1770, 0.2911, 0.3345

Triad

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



48.1770, 0.3046, 0.3478



48.1770, 0.2909, 0.3027



48.1770, 0.3429, 0.3368

Complementary

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



48.1770, 0.3046, 0.3478



41.9377, 0.3218, 0.3109

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.



48.1770, 0.3346, 0.3232



48.1770, 0.3046, 0.3478



48.1770, 0.3044, 0.3038

Square

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



48.1770, 0.3046, 0.3478



48.1770, 0.2833, 0.3084



48.1770, 0.3204, 0.3113



48.1770, 0.3429, 0.3489

Rectangle

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



48.1770, 0.3046, 0.3478



48.1770, 0.2852, 0.3247



48.1770, 0.3204, 0.3113



48.1770, 0.3410, 0.3323

Sweetspot

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



48.1790, 0.3046, 0.3478



91.1888, 0.3100, 0.3350



49.4633, 0.3230, 0.3591



19.9394, 0.3095, 0.3362



97.7402, 0.3127, 0.3290



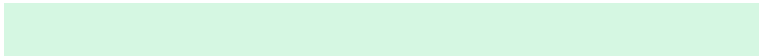
20.4902, 0.3127, 0.3290

Same Dimension

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



48.1790, 0.3046, 0.3478



86.3442, 0.3032, 0.3514



48.6458, 0.2964, 0.3325



10.7096, 0.3064, 0.3433



24.8324, 0.2815, 0.5334



0.9856, 0.2676, 0.4835

Inverse Universe

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



41.9377, 0.3218, 0.3109



73.2171, 0.3236, 0.3076



41.4917, 0.3318, 0.3255



9.6315, 0.3196, 0.3151



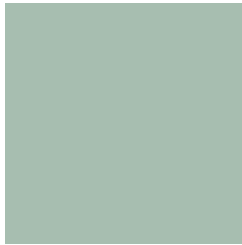
8.1311, 0.4482, 0.2243



0.3310, 0.4101, 0.2033

Previews

White Background



This preview shows how the Yxy color 48.1770, 0.3046, 0.3478 looks on a white background.

Color Contrast Check

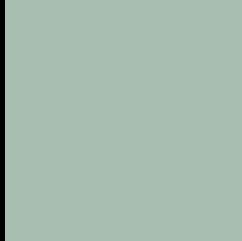
Large Text (above 18pt) WCAG AA × Fail

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 48.1770, 0.3046, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

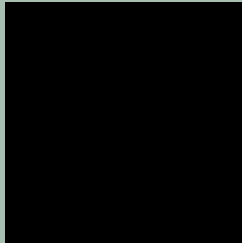
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

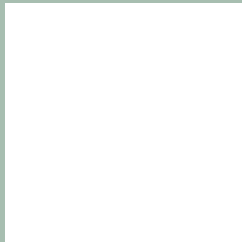
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1770, 0.3046, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 48.1770, 0.3046, 0.3478.



This preview shows how white text looks on a background with the Yxy color 48.1770, 0.3046, 0.3478.

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

48.1770, 0.3046, 0.3478

Protanopia

47.7927, 0.3276, 0.3432

Deuteranopia

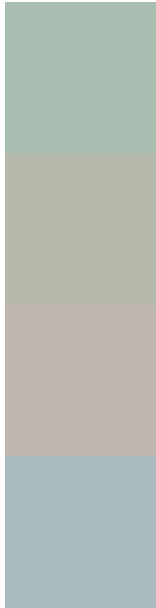
47.8925, 0.3357, 0.3291



Tritanopia

47.9928, 0.2896, 0.3095

Trichromacy



Original Color

48.1770, 0.3046, 0.3478

Protanomaly

48.0800, 0.3195, 0.3460

Deuteranomaly

47.7066, 0.3245, 0.3354

Tritanomaly

47.8925, 0.2953, 0.3224

Monochromacy



Original Color

48.1770, 0.3046, 0.3478

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.3403, 0.3099, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1770, 0.3046, 0.3478 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 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(167, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 176) }
```

Border

The CSS property to change the border of an element to Yxy 48.1770, 0.3046, 0.3478 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, 176) }
```

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

```
.border{ border-color:rgb(167, 190, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1770, 0.3046, 0.3478 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, 176) }
```

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

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