

Converting Colors

$Yxy(48.2939, 0.3034, 0.3462)$

Have a look what the booklet for
Yxy(48.2939, 0.3034, 0.3462)
contains.

Yxy(48.2167, 0.3038, 0.3464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.2167, 0.3038, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	A7BEB1
RGB	167, 190, 177
RGB Percent	65%, 75%, 69%
CMY	0.3451, 0.2549, 0.3057
CMYK	0.12, 0.00, 0.07, 0.25
HSL	146°, 15%, 70%
HSV	146°, 12%, 75%
XYZ	42.2870, 48.2167, 48.6900
YIQ	181.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

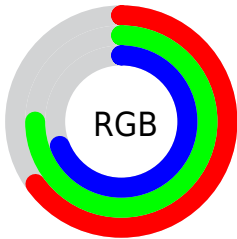
Format	Color
RYB	167, 183, 190
Decimal	10993329
CIELab	74.96, -10.37, 3.89
CIELCh	75, 11.077, 159.444
Yxy	48.2167, 0.3038, 0.3464
Android (android.graphics.Color)	4289183409 (0xFFA7BEB1)
YUV	181.6410, -2.2880, -12.8402
Hunter-Lab	69.4382, -12.8126, 7.0327

Details

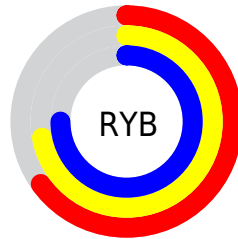
The Yxy color **48.2167, 0.3038, 0.3464** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8766, 0.3227, 0.3122**, and the grayscale version is **46.5917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3243, 0.3051, 0.3425**, and **22.9914, 0.3018, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **45.8886, 0.2967, 0.3626**, and if you desaturate by 10%, it is **50.8864, 0.3112, 0.3319**.

Distribution



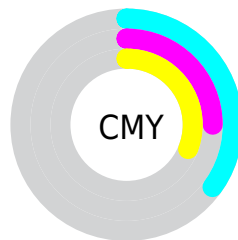
- Red (65%)
- Green (75%)
- Blue (69%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2167, 0.3038, 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 48.2167, 0.3038, 0.3464 by changing the saturation by 10% instead.

 48.2167, 0.3038,
0.3464


 48.2167, 0.3038,
0.3464


379.6504, 0.3083,
0.3376

 33.9985, 0.3027,
0.3486


 87.5270, 0.3054,
0.3432

 22.8925, 0.3012,
0.3515


 113.3878, 0.3061,
0.3420

 14.5141, 0.2993,
0.3553


143.8984, 0.3066,
0.3410

 8.4791, 0.2965,
0.3607

179.4431, 0.3070,
0.3401

 4.4030, 0.2923,
0.3688

220.4062, 0.3074,
0.3394

 1.9015, 0.2853,
0.3826

267.1722, 0.3077,

 0.5493, 0.2350,

0.3387

0.4800

320.1255, 0.3080,
0.3382

0.0000, 0.0000,
0.0000

48.2167, 0.3038,
0.3464

48.2167, 0.3038,
0.3464

45.8886, 0.2967,
0.3626

50.8864, 0.3112,
0.3319

43.8821, 0.2900,
0.3806

53.9048, 0.3185,
0.3189

42.1842, 0.2840,
0.4001


57.2862, 0.3258,
0.3076

40.7787, 0.2791,
0.4209


61.0426, 0.3329,
0.2976


39.6479, 0.2756,
0.4425


63.8341, 0.3341,
0.2881

 38.7721, 0.2738,
0.4646


 64.4565, 0.3258,
0.2779

 38.1288, 0.2738,
0.4862

 65.1166, 0.3179,
0.2680

 37.6912, 0.2758,
0.5067

 65.3082, 0.3157,
0.2653

 37.4513, 0.2783,
0.5219

Harmonies

Analogous

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



48.2167, 0.3192, 0.3546



48.2167, 0.3038, 0.3464



48.2167, 0.2910, 0.3333

Triad

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



48.2167, 0.3038, 0.3464



48.2167, 0.2924, 0.3034



48.2167, 0.3423, 0.3375

Complementary

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



48.2167, 0.3038, 0.3464



41.8766, 0.3227, 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.



48.2167, 0.3347, 0.3243



48.2167, 0.3038, 0.3464



48.2167, 0.3057, 0.3049

Square

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



48.2167, 0.3038, 0.3464



48.2167, 0.2845, 0.3085



48.2167, 0.3212, 0.3125



48.2167, 0.3416, 0.3489

Rectangle

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



48.2167, 0.3038, 0.3464



48.2167, 0.2856, 0.3238



48.2167, 0.3212, 0.3125



48.2167, 0.3406, 0.3331

Sweetspot

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



48.2187, 0.3038, 0.3464



91.2161, 0.3097, 0.3346



49.3252, 0.3221, 0.3593



19.9465, 0.3091, 0.3356



97.7402, 0.3127, 0.3290



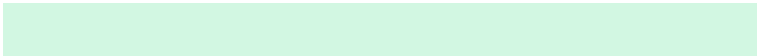
20.4902, 0.3127, 0.3290

Same Dimension

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



48.2187, 0.3038, 0.3464



85.9888, 0.3015, 0.3513



48.6942, 0.2955, 0.3310



10.7169, 0.3058, 0.3422



24.9174, 0.2776, 0.5194



0.9892, 0.2643, 0.4714

Inverse Universe

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



41.8766, 0.3227, 0.3122



71.8319, 0.3257, 0.3077



41.4297, 0.3329, 0.3270



9.6240, 0.3203, 0.3161



8.0024, 0.4669, 0.2346



0.3264, 0.4229, 0.2104

Previews

White Background



This preview shows how the Yxy color 48.2167, 0.3038, 0.3464 looks on a white background.

Color Contrast Check

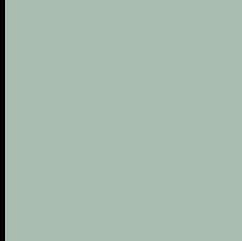
Large Text (above 18pt) WCAG AA × Fail

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 48.2167, 0.3038, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

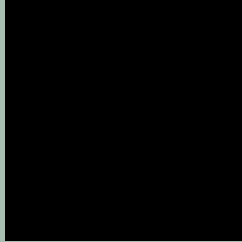
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

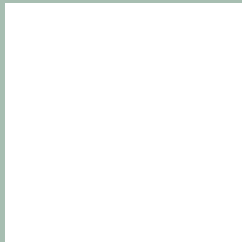
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2167, 0.3038, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 48.2167, 0.3038, 0.3464.



This preview shows how white text looks on a background with the Yxy color 48.2167, 0.3038, 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

48.2167, 0.3038, 0.3464

Protanopia

47.8313, 0.3267, 0.3419

Deuteranopia

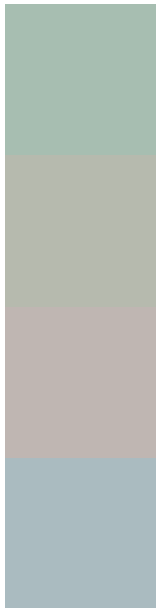
47.9328, 0.3349, 0.3278



Tritanopia

47.9928, 0.2896, 0.3095

Trichromacy



Original Color

48.2167, 0.3038, 0.3464

Protanomaly

48.1189, 0.3187, 0.3447

Deuteranomaly

47.7466, 0.3237, 0.3341

Tritanomaly

47.8925, 0.2953, 0.3224

Monochromacy



Original Color

48.2167, 0.3038, 0.3464

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 48.2167, 0.3038, 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(167, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.2167, 0.3038, 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(167, 190, 177) }
```

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

```
.border{ border-color:rgb(167, 190, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2167, 0.3038, 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(167, 190, 177) }
```

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

```
.background{ background-color: rgb(167,  
190, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor