

Converting Colors

$Yxy(49.0498, 0.2991, 0.3432)$

Have a look what the booklet for
Yxy(49.0498, 0.2991, 0.3432)
contains.

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Color

Yxy(49.0348, 0.2993, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	A5C0B5
RGB	165, 192, 181
RGB Percent	65%, 75%, 71%
CMY	0.3531, 0.2470, 0.2902
CMYK	0.14, 0.00, 0.06, 0.25
HSL	156°, 18%, 70%
HSV	156°, 14%, 75%
XYZ	42.7004, 49.0348, 50.9323
YIQ	182.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

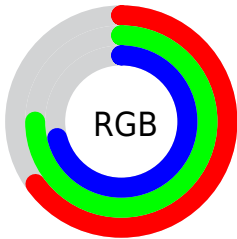
Format	Color
RYB	165, 182, 192
Decimal	10862773
CIELab	75.47, -11.34, 2.46
CIELCh	75, 11.600, 167.764
Yxy	49.0348, 0.2993, 0.3437
Android (android.graphics.Color)	4289052853 (0xFFA5C0B5)
YUV	182.6730, -0.8248, -15.4992
Hunter-Lab	70.0249, -13.6962, 5.8931

Details

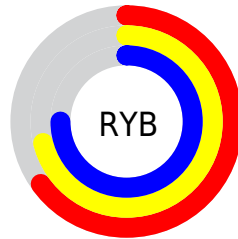
The Yxy color $49.0348, 0.2993, 0.3437$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $41.2358, 0.3284, 0.3148$, and the grayscale version is $47.1723, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4649, 0.3015, 0.3404$, and $23.5345, 0.2959, 0.3492$ is the 20% darker color. If you saturate the color by 10%, you get $46.8190, 0.2902, 0.3555$, and if you desaturate by 10%, it is $51.5818, 0.3088, 0.3330$.

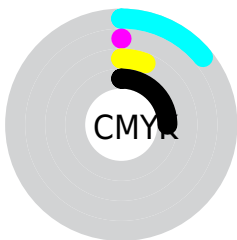
Distribution



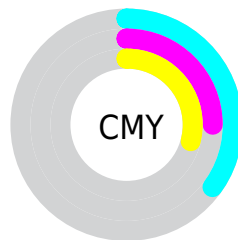
- Red (65%)
- Green (75%)
- Blue (71%)



- Red (65%)
- Yellow (71%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0348, 0.2993, 0.3437 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 49.0348, 0.2993, 0.3437 by changing the saturation by 10% instead.


 49.0348, 0.2993,
0.3437


 49.0348, 0.2993,
0.3437


382.8793, 0.3060,
0.3363

 34.6471, 0.2976,
0.3455


 88.7431, 0.3017,
0.3410

 23.3911, 0.2955,
0.3479


 114.8326, 0.3026,
0.3400

 14.8826, 0.2927,
0.3511


145.5913, 0.3034,
0.3392

 8.7370, 0.2887,
0.3555

181.4038, 0.3041,
0.3384

 4.5701, 0.2828,
0.3622

222.6545, 0.3046,
0.3378

 1.9973, 0.2731,
0.3733

269.7277, 0.3052,

 0.6059, 0.2148,

0.3373

0.4350

323.0078, 0.3056,
0.3368

0.0000, 0.0000,
0.0000

49.0348, 0.2993,
0.3437

49.0348, 0.2993,
0.3437

46.8190, 0.2902,
0.3555

51.5818, 0.3088,
0.3330

44.9141, 0.2819,
0.3684

54.4671, 0.3184,
0.3235

43.3073, 0.2745,
0.3823

57.7050, 0.3281,
0.3150

41.9820, 0.2684,
0.3971

61.3073, 0.3376,
0.3075

40.9205, 0.2640,
0.4125

64.1368, 0.3421,
0.3005

■ 40.1025, 0.2613,
0.4283

■ 64.5607, 0.3359,
0.2928

■ 39.5048, 0.2607,
0.4441

■ 65.0042, 0.3299,
0.2852

■ 39.0995, 0.2621,
0.4596

■ 65.4675, 0.3240,
0.2779

■ 38.9183, 0.2635,
0.4686

■ 65.9510, 0.3183,
0.2706

Harmonies

Analogous

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



49.0348, 0.3150, 0.3540



49.0348, 0.2993, 0.3437



49.0348, 0.2874, 0.3293

Triad

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



49.0348, 0.2993, 0.3437



49.0348, 0.2949, 0.3021



49.0348, 0.3442, 0.3415

Complementary

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



49.0348, 0.2993, 0.3437



41.2358, 0.3284, 0.3148

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.



49.0348, 0.3386, 0.3279



49.0348, 0.2993, 0.3437



49.0348, 0.3098, 0.3056

Square

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



49.0348, 0.2993, 0.3437



49.0348, 0.2849, 0.3055



49.0348, 0.3259, 0.3149



49.0348, 0.3411, 0.3523

Rectangle

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



49.0348, 0.2993, 0.3437



49.0348, 0.2831, 0.3197



49.0348, 0.3259, 0.3149



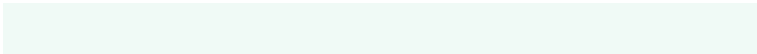
49.0348, 0.3433, 0.3371

Sweetspot

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



49.0369, 0.2993, 0.3437



93.4611, 0.3088, 0.3330



49.6779, 0.3202, 0.3649



19.9708, 0.3081, 0.3338



97.7402, 0.3127, 0.3290



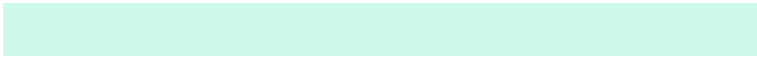
20.4902, 0.3127, 0.3290

Same Dimension

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



49.0369, 0.2993, 0.3437



87.4958, 0.2964, 0.3473



48.5241, 0.2914, 0.3260



11.3568, 0.3037, 0.3385



26.1990, 0.2630, 0.4667



1.1454, 0.2535, 0.4325

Inverse Universe

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



41.2358, 0.3284, 0.3148



70.5535, 0.3326, 0.3114



41.6380, 0.3380, 0.3320



10.1443, 0.3227, 0.3197



7.9266, 0.5325, 0.2707



0.3561, 0.4741, 0.2386

Previews

White Background



This preview shows how the Yxy color 49.0348, 0.2993, 0.3437 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 49.0348, 0.2993, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

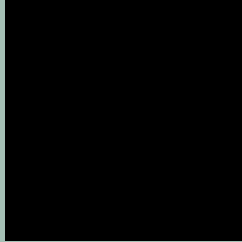
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

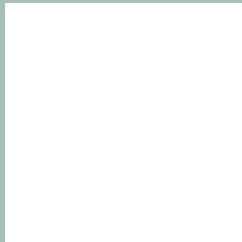
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0348, 0.2993, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 49.0348, 0.2993, 0.3437.



This preview shows how white text looks on a background with the Yxy color 49.0348, 0.2993, 0.3437.

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

49.0348, 0.2993, 0.3437

Protanopia

48.9486, 0.3241, 0.3392

Deuteranopia

48.9406, 0.3303, 0.3242



Tritanopia

49.1898, 0.2861, 0.3096

Trichromacy



Original Color

49.0348, 0.2993, 0.3437

Protanomaly

49.1259, 0.3154, 0.3420

Deuteranomaly

48.6470, 0.3186, 0.3303

Tritanomaly

49.1373, 0.2910, 0.3211

Monochromacy



Original Color

49.0348, 0.2993, 0.3437

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.7253, 0.3075, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0348, 0.2993, 0.3437 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(165, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 181)  
}
```

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(165, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 181) }
```

Border

The CSS property to change the border of an element to Yxy 49.0348, 0.2993, 0.3437 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(165, 192, 181) }
```

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

```
.border{ border-color:rgb(165, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0348, 0.2993, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 181) }
```

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

```
.background{ background-color: rgb(165,  
192, 181) }
```

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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