

Converting Colors

$Yxy(48.3362, 0.2962, 0.3338)$

Have a look what the booklet for
Yxy(48.3362, 0.2962, 0.3338)
contains.

Yxy(48.4791, 0.2965, 0.3343)	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(48.4791, 0.2965, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	A6BEBA
RGB	166, 190, 186
RGB Percent	65%, 75%, 73%
CMY	0.3491, 0.2549, 0.2706
CMYK	0.13, 0.00, 0.02, 0.25
HSL	170°, 16%, 70%
HSV	170°, 13%, 75%
XYZ	42.9975, 48.4791, 53.5402
YIQ	182.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

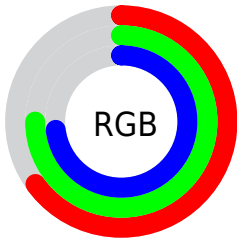
Format	Color
RYB	166, 179, 190
Decimal	10927802
CIELab	75.13, -8.96, -0.75
CIELCh	75, 8.987, 184.757
Yxy	48.4791, 0.2965, 0.3343
Android (android.graphics.Color)	4289117882 (0xFFA6BEBA)
YUV	182.3680, 1.7906, -14.3547
Hunter-Lab	69.6269, -11.6161, 3.1473

Details

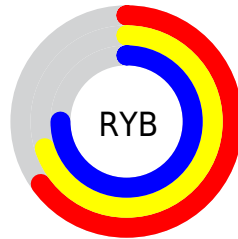
The Yxy color **48.4791, 0.2965, 0.3343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1145, 0.3317, 0.3238**, and the grayscale version is **46.9841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6945, 0.2993, 0.3331**, and **23.1622, 0.2921, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **46.4438, 0.2844, 0.3389**, and if you desaturate by 10%, it is **50.8249, 0.3093, 0.3301**.

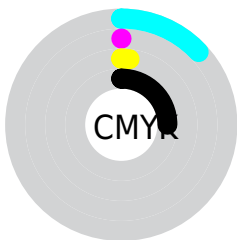
Distribution



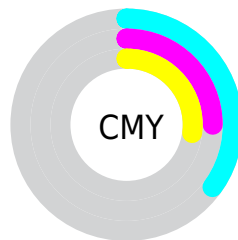
- Red (65%)
- Green (75%)
- Blue (73%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4791, 0.2965, 0.3343 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 48.4791, 0.2965, 0.3343 by changing the saturation by 10% instead.

 48.4791, 0.2965,
0.3343


 48.4791, 0.2965,
0.3343

380.6880, 0.3045,
0.3317

 34.2065, 0.2945,
0.3349


 87.9173, 0.2994,
0.3334

 23.0522, 0.2920,
0.3358

 113.8517, 0.3005,
0.3330

 14.6321, 0.2886,
0.3368


144.4420, 0.3014,
0.3327

 8.5616, 0.2839,
0.3383

180.0728, 0.3022,
0.3325

 4.4563, 0.2770,
0.3405

221.1284, 0.3029,
0.3322

 1.9320, 0.2657,
0.3440

267.9932, 0.3035,

 0.5675, 0.2058,

0.3320

0.3642

321.0516, 0.3041,
0.3319

0.0000, 0.0000,
0.0000

48.4791, 0.2965,
0.3343

48.4791, 0.2965,
0.3343

46.4438, 0.2844,
0.3389

50.8249, 0.3093,
0.3301

44.6995, 0.2733,
0.3440

53.4874, 0.3224,
0.3262

43.2341, 0.2634,
0.3493

56.4806, 0.3358,
0.3228

42.0321, 0.2550,
0.3549

59.8155, 0.3491,
0.3197

41.0765, 0.2483,
0.3607

62.3506, 0.3573,
0.3168

■ 40.3484, 0.2435,
0.3667

■ 62.5025, 0.3546,
0.3136

■ 39.8259, 0.2406,
0.3726

■ 62.6576, 0.3520,
0.3103

■ 39.4830, 0.2396,
0.3786

■ 62.8159, 0.3494,
0.3071

■ 39.3086, 0.2397,
0.3829

■ 62.9773, 0.3468,
0.3039

Harmonies

Analogous

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



48.4791, 0.3074, 0.3444



48.4791, 0.2965, 0.3343



48.4791, 0.2899, 0.3229

Triad

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



48.4791, 0.2965, 0.3343



48.4791, 0.3052, 0.3089



48.4791, 0.3366, 0.3440

Complementary

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



48.4791, 0.2965, 0.3343



41.1145, 0.3317, 0.3238

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.



48.4791, 0.3361, 0.3344



48.4791, 0.2965, 0.3343



48.4791, 0.3177, 0.3143

Square

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



48.4791, 0.2965, 0.3343



48.4791, 0.2949, 0.3085



48.4791, 0.3291, 0.3236



48.4791, 0.3307, 0.3499

Rectangle

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



48.4791, 0.2965, 0.3343



48.4791, 0.2888, 0.3163



48.4791, 0.3291, 0.3236



48.4791, 0.3372, 0.3411

Sweetspot

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



48.4811, 0.2965, 0.3343



91.4540, 0.3074, 0.3306



48.1730, 0.3148, 0.3614



20.0083, 0.3064, 0.3309



97.7402, 0.3127, 0.3290



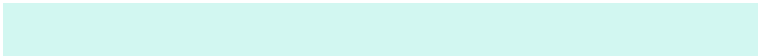
20.4902, 0.3127, 0.3290

Same Dimension

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



48.4811, 0.2965, 0.3343



86.8333, 0.2933, 0.3355



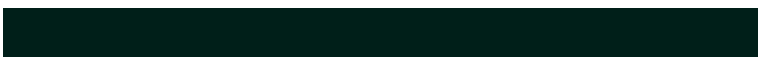
45.4427, 0.2934, 0.3188



10.7814, 0.3007, 0.3329



26.1445, 0.2395, 0.3821



1.0315, 0.2355, 0.3680

Inverse Universe

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



41.1145, 0.3317, 0.3238



71.0347, 0.3363, 0.3227



43.8138, 0.3341, 0.3390



9.5617, 0.3263, 0.3252



7.3558, 0.6133, 0.3152



0.2963, 0.5529, 0.2820

Previews

White Background



This preview shows how the Yxy color 48.4791, 0.2965, 0.3343 looks on a white background.

Color Contrast Check

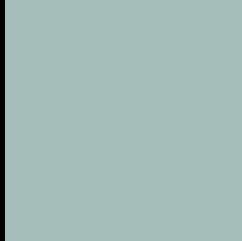
Large Text (above 18pt) WCAG AA × Fail

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 48.4791, 0.2965, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

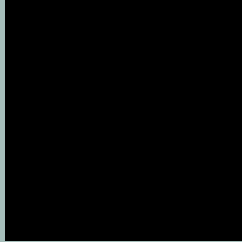
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

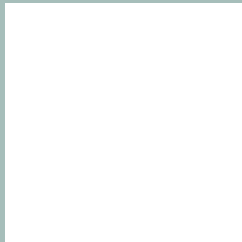
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4791, 0.2965, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 48.4791, 0.2965, 0.3343.

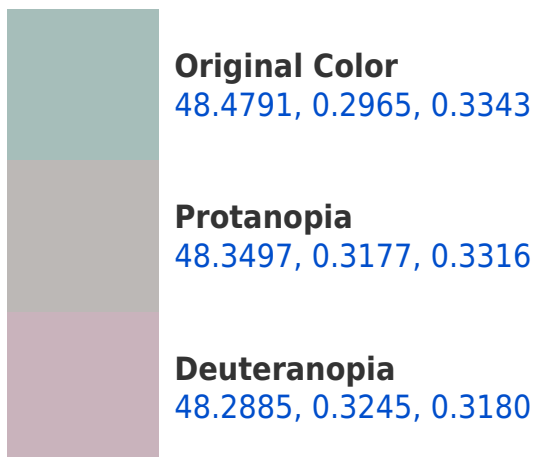


This preview shows how white text looks on a background with the Yxy color 48.4791, 0.2965, 0.3343.

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





Tritanopia

48.6657, 0.2874, 0.3108

Trichromacy



Original Color

48.4791, 0.2965, 0.3343

Protanomaly

48.2400, 0.3100, 0.3329

Deuteranomaly

48.1462, 0.3138, 0.3239

Tritanomaly

48.7055, 0.2909, 0.3198

Monochromacy



Original Color

48.4791, 0.2965, 0.3343

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.3469, 0.3068, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4791, 0.2965, 0.3343 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(166, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 186)  
}
```

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(166, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 186) }
```

Border

The CSS property to change the border of an element to Yxy 48.4791, 0.2965, 0.3343 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(166, 190, 186) }
```

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

```
.border{ border-color:rgb(166, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(166, 190,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4791, 0.2965, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 186) }
```

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

```
.background{ background-color: rgb(166,  
190, 186) }
```

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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