

Converting Colors

$Yxy(48.2421, 0.2919, 0.3254)$

Have a look what the booklet for
Yxy(48.2421, 0.2919, 0.3254)
contains.

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Color

Yxy(48.2003, 0.2915, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	A5BDC0
RGB	165, 189, 192
RGB Percent	65%, 74%, 75%
CMY	0.3528, 0.2588, 0.2472
CMYK	0.14, 0.02, 0.00, 0.25
HSL	187°, 18%, 70%
HSV	187°, 14%, 75%
XYZ	43.2320, 48.2003, 56.8764
YIQ	182.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

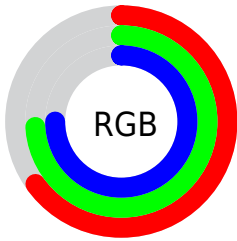
Format	Color
RYB	165, 178, 192
Decimal	10862016
CIELab	74.95, -7.50, -4.26
CIELCh	75, 8.629, 209.581
Yxy	48.2003, 0.2915, 0.3250
Android (android.graphics.Color)	4289052096 (0xFFA5BDC0)
YUV	182.1660, 4.8482, -15.0546
Hunter-Lab	69.4264, -10.3440, 0.0262

Details

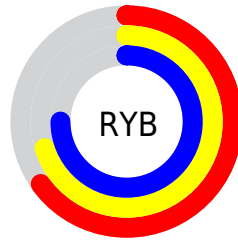
The Yxy color **48.2003, 0.2915, 0.3250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9298, 0.3377, 0.3330**, and the grayscale version is **46.8570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2978, 0.2953, 0.3259**, and **22.9831, 0.2853, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **45.3904, 0.2771, 0.3219**, and if you desaturate by 10%, it is **51.3365, 0.3065, 0.3279**.

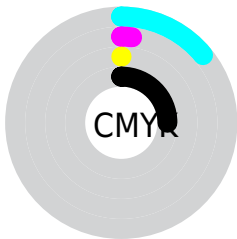
Distribution



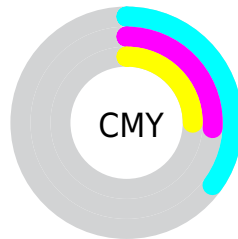
- Red (65%)
- Green (74%)
- Blue (75%)



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



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2003, 0.2915, 0.3250 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 48.2003, 0.2915, 0.3250 by changing the saturation by 10% instead.

■ 48.2003, 0.2915,
0.3250

■ 48.2003, 0.2915,
0.3250

■ 379.5855, 0.3020,
0.3271

■ 33.9855, 0.2889,
0.3245

■ 87.5026, 0.2953,
0.3258

■ 22.8825, 0.2856,
0.3238

■ 113.3588, 0.2967,
0.3261

■ 14.5068, 0.2813,
0.3228

■ 143.8644, 0.2979,
0.3263

■ 8.4740, 0.2752,
0.3214

■ 179.4037, 0.2990,
0.3265

■ 4.3997, 0.2664,
0.3192

■ 220.3610, 0.2999,
0.3267

■ 1.8996, 0.2520,
0.3155

■ 267.1209, 0.3007,

■ 0.5481, 0.1897,

0.3268

0.3078

320.0676, 0.3014,
0.3270

0.0000, 0.0000,
0.0000

48.2003, 0.2915,
0.3250

48.2003, 0.2915,
0.3250

45.3904, 0.2771,
0.3219

51.3365, 0.3065,
0.3279

42.8871, 0.2637,
0.3185

54.8059, 0.3219,
0.3305

40.6776, 0.2515,
0.3149

58.6228, 0.3375,
0.3329

38.7457, 0.2409,
0.3113

62.7986, 0.3529,
0.3351

37.0737, 0.2320,
0.3075

66.1841, 0.3632,
0.3370

■ 35.6419, 0.2249,
0.3036

■ 67.1697, 0.3626,
0.3392

■ 34.4273, 0.2198,
0.2998

■ 68.1690, 0.3621,
0.3414

■ 33.4024, 0.2164,
0.2960

■ 69.1819, 0.3616,
0.3436

■ 32.8486, 0.2150,
0.2938

■ 70.2086, 0.3611,
0.3457

Harmonies

Analogous

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



48.2003, 0.2987, 0.3360



48.2003, 0.2915, 0.3250



48.2003, 0.2899, 0.3154

Triad

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



48.2003, 0.2915, 0.3250



48.2003, 0.3154, 0.3137



48.2003, 0.3314, 0.3485

Complementary

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



48.2003, 0.2915, 0.3250



41.9298, 0.3377, 0.3330

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.



48.2003, 0.3361, 0.3420



48.2003, 0.2915, 0.3250



48.2003, 0.3268, 0.3221

Square

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



48.2003, 0.2915, 0.3250



48.2003, 0.3035, 0.3092



48.2003, 0.3344, 0.3324



48.2003, 0.3217, 0.3497

Rectangle

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



48.2003, 0.2915, 0.3250



48.2003, 0.2922, 0.3111



48.2003, 0.3344, 0.3324



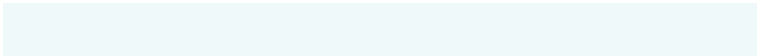
48.2003, 0.3336, 0.3468

Sweetspot

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



48.2023, 0.2915, 0.3250



93.0301, 0.3065, 0.3279



48.5069, 0.3090, 0.3620



19.8610, 0.3053, 0.3277



97.7402, 0.3127, 0.3290



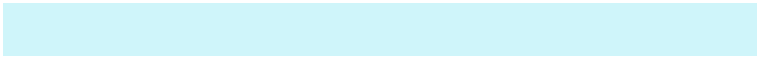
20.4902, 0.3127, 0.3290

Same Dimension

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



48.2023, 0.2915, 0.3250



85.6542, 0.2868, 0.3240



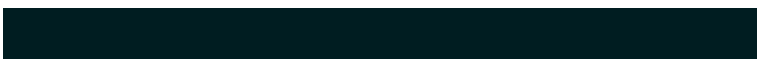
42.7845, 0.2909, 0.3072



11.2324, 0.2984, 0.3264



22.1817, 0.2151, 0.2943



1.0137, 0.2174, 0.3027

Inverse Universe

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



41.8007, 0.3169, 0.2985



71.7390, 0.3179, 0.2912



47.0488, 0.3353, 0.3499



10.2278, 0.3154, 0.3088



9.5215, 0.3505, 0.1704



0.4170, 0.3431, 0.1664

Previews

White Background



This preview shows how the Yxy color 48.2003, 0.2915, 0.3250 looks on a white background.

Color Contrast Check

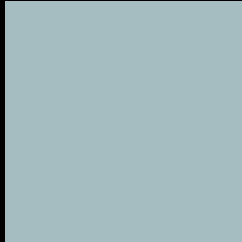
Large Text (above 18pt) WCAG AA × Fail

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 48.2003, 0.2915, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

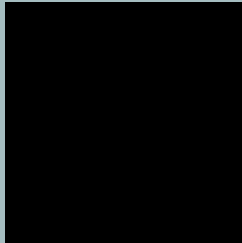
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

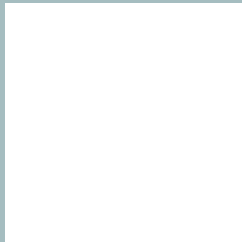
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2003, 0.2915, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 48.2003, 0.2915, 0.3250.



This preview shows how white text looks on a background with the Yxy color 48.2003, 0.2915, 0.3250.

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

48.2003, 0.2915, 0.3250

Protanopia

47.9802, 0.3106, 0.3213

Deuteranopia

48.1410, 0.3170, 0.3105



Tritanopia

48.0204, 0.2859, 0.3094

Trichromacy



Original Color

48.2003, 0.2915, 0.3250

Protanomaly

47.8806, 0.3031, 0.3225

Deuteranomaly

48.1563, 0.3075, 0.3163

Tritanomaly

48.1506, 0.2880, 0.3158

Monochromacy



Original Color

48.2003, 0.2915, 0.3250

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4732, 0.3045, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2003, 0.2915, 0.3250 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, 189, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 189, 192)  
}
```

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, 189, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 189, 192) }
```

Border

The CSS property to change the border of an element to Yxy 48.2003, 0.2915, 0.3250 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, 189, 192) }
```

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

```
.border{ border-color:rgb(165, 189, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 189, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 189, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 189, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 189,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2003, 0.2915, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 189, 192) }
```

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

```
.background{ background-color: rgb(165,  
189, 192) }
```

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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