

Converting Colors

$Yxy(48.5511, 0.2884, 0.3236)$

Have a look what the booklet for
Yxy(48.5511, 0.2884, 0.3236)
contains.

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Color

Yxy(48.5085, 0.2886, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	A3BEC2
RGB	163, 190, 194
RGB Percent	64%, 75%, 76%
CMY	0.3606, 0.2549, 0.2391
CMYK	0.16, 0.02, 0.00, 0.24
HSL	188°, 20%, 70%
HSV	188°, 16%, 76%
XYZ	43.2619, 48.5085, 58.1323
YIQ	182.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

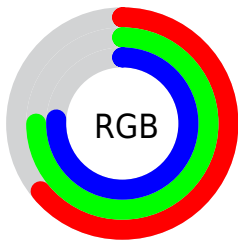
Format	Color
R_{YB}	163, 177, 194
Decimal	10731202
CIE _{Lab}	75.14, -8.25, -5.10
CIE _{LCh}	75, 9.701, 211.741
Yxy	48.5085, 0.2886, 0.3236
Android (android.graphics.Color)	4288921282 (0xFFA3BEC2)
YUV	182.3830, 5.7272, -16.9989
Hunter-Lab	69.6480, -11.0087, -0.7332

Details

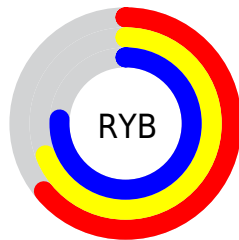
The Yxy color **48.5085, 0.2886, 0.3236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7767, 0.3417, 0.3343**, and the grayscale version is **46.9786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7191, 0.2930, 0.3248**, and **23.1643, 0.2826, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **45.5343, 0.2743, 0.3198**, and if you desaturate by 10%, it is **51.8198, 0.3036, 0.3271**.

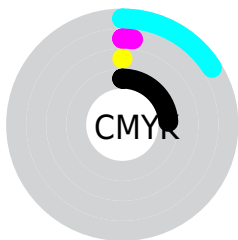
Distribution



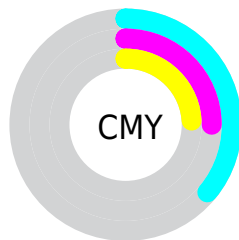
- Red (64%)
- Green (75%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)




- Cyan (36%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5085, 0.2886, 0.3236 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 48.5085, 0.2886, 0.3236 by changing the saturation by 10% instead.


 48.5085, 0.2886,
0.3236


 48.5085, 0.2886,
0.3236

380.8042, 0.3005,
0.3264

 34.2298, 0.2857,
0.3229


 87.9610, 0.2929,
0.3246

 23.0702, 0.2819,
0.3219


 113.9036, 0.2945,
0.3250

 14.6453, 0.2770,
0.3206


144.5029, 0.2959,
0.3253

 8.5708, 0.2703,
0.3188

180.1433, 0.2971,
0.3256

 4.4623, 0.2603,
0.3160

221.2093, 0.2981,
0.3259

 1.9354, 0.2444,
0.3110

268.0851, 0.2990,

 0.5695, 0.1802,

0.3261

0.3019

321.1553, 0.2998,
0.3262

0.0000, 0.0000,
0.0000

48.5085, 0.2886,
0.3236

48.5085, 0.2886,
0.3236

45.5343, 0.2743,
0.3198

51.8198, 0.3036,
0.3271

42.8768, 0.2609,
0.3158

55.4757, 0.3189,
0.3302

40.5226, 0.2488,
0.3116

59.4908, 0.3344,
0.3331

38.4548, 0.2383,
0.3072

63.8772, 0.3498,
0.3356

36.6548, 0.2295,
0.3027

67.6769, 0.3608,
0.3380

■ 35.1018, 0.2225,
0.2981

■ 68.8739, 0.3602,
0.3406

■ 33.7714, 0.2175,
0.2936

■ 70.0903, 0.3596,
0.3432

■ 32.6330, 0.2142,
0.2891

■ 71.3262, 0.3590,
0.3457

■ 32.2037, 0.2131,
0.2873

■ 72.5817, 0.3584,
0.3483

Harmonies

Analogous

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



48.5085, 0.2962, 0.3359



48.5085, 0.2886, 0.3236



48.5085, 0.2873, 0.3131

Triad

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



48.5085, 0.2886, 0.3236



48.5085, 0.3167, 0.3124



48.5085, 0.3330, 0.3511

Complementary

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



48.5085, 0.2886, 0.3236



41.7767, 0.3417, 0.3343

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.



48.5085, 0.3388, 0.3442



48.5085, 0.2886, 0.3236



48.5085, 0.3293, 0.3220

Square

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



48.5085, 0.2886, 0.3236



48.5085, 0.3033, 0.3070



48.5085, 0.3375, 0.3336



48.5085, 0.3218, 0.3521

Rectangle

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



48.5085, 0.2886, 0.3236



48.5085, 0.2901, 0.3085



48.5085, 0.3375, 0.3336



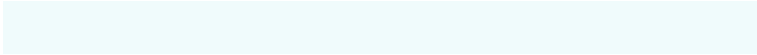
48.5085, 0.3357, 0.3494

Sweetspot

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



48.5105, 0.2886, 0.3236



94.4279, 0.3049, 0.3274



49.1593, 0.3081, 0.3663



20.5793, 0.3038, 0.3271



0.0000, 0.0000, 0.0000



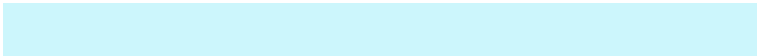
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5105, 0.2886, 0.3236



86.0079, 0.2837, 0.3224



42.3118, 0.2878, 0.3031



11.1980, 0.2984, 0.3259



21.2535, 0.2133, 0.2879



0.9817, 0.2161, 0.2979

Inverse Universe

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



41.3960, 0.3180, 0.2949



70.8633, 0.3193, 0.2875



47.6314, 0.3387, 0.3536



10.2243, 0.3157, 0.3092



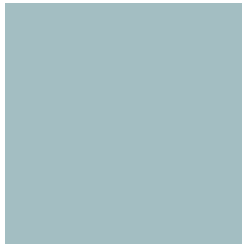
9.4278, 0.3563, 0.1736



0.4138, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 48.5085, 0.2886, 0.3236 looks on a white background.

Color Contrast Check

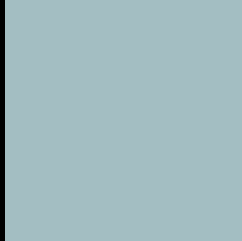
Large Text (above 18pt) WCAG AA × Fail

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 48.5085, 0.2886, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

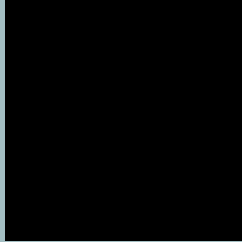
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

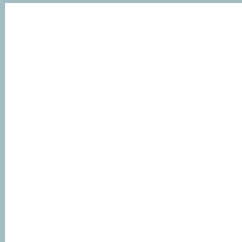
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5085, 0.2886, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 48.5085, 0.2886, 0.3236.



This preview shows how white text looks on a background with the Yxy color 48.5085, 0.2886, 0.3236.

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

48.5085, 0.2886, 0.3236

Protanopia

48.4378, 0.3097, 0.3214

Deuteranopia

48.0960, 0.3146, 0.3081



Tritanopia

48.7542, 0.2832, 0.3094

Trichromacy



Original Color

48.5085, 0.2886, 0.3236

Protanomaly

48.3444, 0.3024, 0.3225

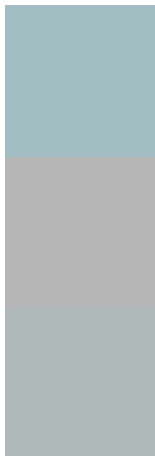
Deuteranomaly

48.1214, 0.3051, 0.3138

Tritanomaly

48.4578, 0.2851, 0.3145

Monochromacy



Original Color

48.5085, 0.2886, 0.3236

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.3571, 0.3037, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5085, 0.2886, 0.3236 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(163, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(163, 190, 194)  
}
```

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(163, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 48.5085, 0.2886, 0.3236 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(163, 190, 194) }
```

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

```
.border{ border-color:rgb(163, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5085, 0.2886, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 190, 194) }
```

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

```
.background{ background-color: rgb(163,  
190, 194) }
```

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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