

Converting Colors

$Yxy(47.6639, 0.2918, 0.3337)$

Have a look what the booklet for
Yxy(47.6639, 0.2918, 0.3337)
contains.

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Color

Yxy(47.8457, 0.2919, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	A0BEBA
RGB	160, 190, 186
RGB Percent	63%, 75%, 73%
CMY	0.3725, 0.2549, 0.2705
CMYK	0.16, 0.00, 0.02, 0.25
HSL	172°, 19%, 69%
HSV	172°, 16%, 75%
XYZ	41.7773, 47.8457, 53.4990
YIQ	180.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

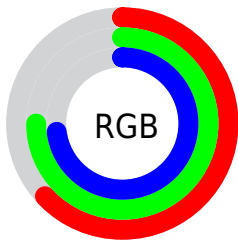
Format	Color
RYB	160, 176, 190
Decimal	10534586
CIELab	74.73, -10.90, -1.39
CIELCh	75, 10.992, 187.276
Yxy	47.8457, 0.2919, 0.3343
Android (android.graphics.Color)	4288724666 (0xFFA0BEB4)
YUV	180.5740, 2.6750, -18.0434
Hunter-Lab	69.1706, -13.2389, 2.5624

Details

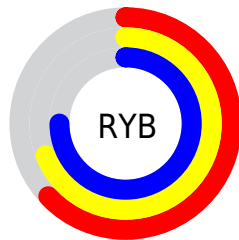
The Yxy color **47.8457, 0.2919, 0.3343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7739, 0.3383, 0.3238**, and the grayscale version is **45.9615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7694, 0.2956, 0.3331**, and **22.7729, 0.2860, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **45.9303, 0.2797, 0.3381**, and if you desaturate by 10%, it is **50.0662, 0.3049, 0.3309**.

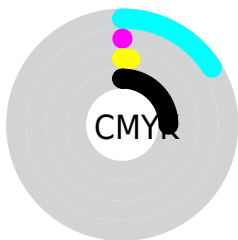
Distribution



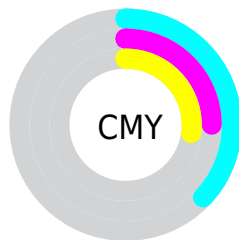
- Red (63%)
- Green (75%)
- Blue (73%)



- Red (63%)
- Yellow (69%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (37%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8457, 0.2919, 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 47.8457, 0.2919, 0.3343 by changing the saturation by 10% instead.

■ 47.8457, 0.2919,
0.3343

■ 47.8457, 0.2919,
0.3343

378.1802, 0.3022,
0.3317

■ 33.7047, 0.2893,
0.3349

■ 86.9746, 0.2956,
0.3334

■ 22.6668, 0.2861,
0.3357

■ 112.7313, 0.2970,
0.3330

■ 14.3477, 0.2817,
0.3368

143.1288, 0.2982,
0.3327

■ 8.3629, 0.2757,
0.3382

178.5513, 0.2993,
0.3325

■ 4.3280, 0.2668,
0.3402

219.3833, 0.3002,
0.3322

■ 1.8587, 0.2523,
0.3435

266.0092, 0.3009,

■ 0.5234, 0.1627,

0.3320

0.3681

318.8134, 0.3016,
0.3319

0.0000, 0.0000,
0.0000

47.8457, 0.2919,
0.3343

47.8457, 0.2919,
0.3343

45.9303, 0.2797,
0.3381

50.0662, 0.3049,
0.3309

44.3006, 0.2686,
0.3421

52.5986, 0.3185,
0.3277

42.9438, 0.2588,
0.3463

55.4567, 0.3323,
0.3249

41.8442, 0.2507,
0.3508

58.6520, 0.3462,
0.3224

40.9843, 0.2443,
0.3553

62.1925, 0.3600,
0.3202

■ 40.3441, 0.2399,
0.3600

■ 62.3102, 0.3579,
0.3176

■ 39.9010, 0.2373,
0.3646

■ 62.4299, 0.3558,
0.3150

■ 39.6262, 0.2365,
0.3692

■ 62.5516, 0.3537,
0.3124

■ 39.5357, 0.2364,
0.3711

■ 62.6752, 0.3516,
0.3098

Harmonies

Analogous

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



47.8457, 0.3049, 0.3471



47.8457, 0.2919, 0.3343



47.8457, 0.2845, 0.3203

Triad

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



47.8457, 0.2919, 0.3343



47.8457, 0.3047, 0.3047



47.8457, 0.3418, 0.3482

Complementary

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



47.8457, 0.2919, 0.3343



38.7739, 0.3383, 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.



47.8457, 0.3418, 0.3365



47.8457, 0.2919, 0.3343



47.8457, 0.3201, 0.3119

Square

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



47.8457, 0.2919, 0.3343



47.8457, 0.2917, 0.3036



47.8457, 0.3338, 0.3234



47.8457, 0.3338, 0.3550

Rectangle

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



47.8457, 0.2919, 0.3343



47.8457, 0.2836, 0.3124



47.8457, 0.3338, 0.3234



47.8457, 0.3428, 0.3447

Sweetspot

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



47.8477, 0.2919, 0.3343



91.0310, 0.3059, 0.3306



47.2589, 0.3140, 0.3704



19.9221, 0.3049, 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.



47.8477, 0.2919, 0.3343



85.4217, 0.2875, 0.3356



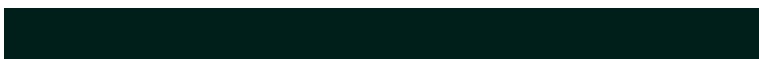
43.4349, 0.2885, 0.3140



10.7872, 0.3002, 0.3320



26.2977, 0.2363, 0.3705



1.0362, 0.2332, 0.3595

Inverse Universe

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



38.7739, 0.3383, 0.3238



65.7952, 0.3453, 0.3226



42.6149, 0.3398, 0.3436



9.5564, 0.3268, 0.3260



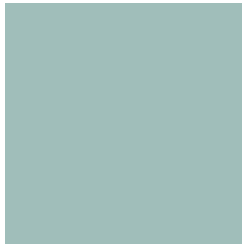
7.3333, 0.6209, 0.3194



0.2940, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 47.8457, 0.2919, 0.3343 looks on a white background.

Color Contrast Check

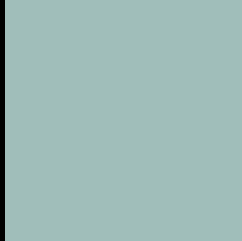
Large Text (above 18pt) WCAG AA × Fail

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 47.8457, 0.2919, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

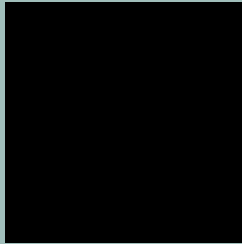
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

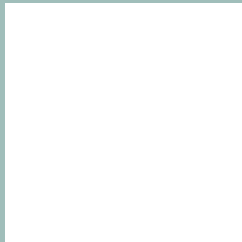
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8457, 0.2919, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 47.8457, 0.2919, 0.3343.



This preview shows how white text looks on a background with the Yxy color 47.8457, 0.2919, 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



Original Color

47.8457, 0.2919, 0.3343

Protanopia

47.8092, 0.3169, 0.3303

Deuteranopia

47.6137, 0.3229, 0.3166



Tritanopia

47.5914, 0.2829, 0.3092

Trichromacy



Original Color

47.8457, 0.2919, 0.3343

Protanomaly

47.8838, 0.3076, 0.3329

Deuteranomaly

47.3580, 0.3113, 0.3226

Tritanomaly

47.6333, 0.2863, 0.3183

Monochromacy



Original Color

47.8457, 0.2919, 0.3343

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5841, 0.3043, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8457, 0.2919, 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(160, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 190, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.8457, 0.2919, 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(160, 190, 186) }
```

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

```
.border{ border-color:rgb(160, 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(160, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 190, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 190, 186); box-shadow:4px 4px 4px 4px rgb(160, 190, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8457, 0.2919, 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(160, 190, 186) }
```

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

```
.background{ background-color: rgb(160,  
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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