

Converting Colors

Yxy(50.6153, 0.2967, 0.3340)

Have a look what the booklet for
Yxy(50.6153, 0.2967, 0.3340)
contains.

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Color

Yxy(50.8473, 0.2968, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	AAC2BE
RGB	170, 194, 190
RGB Percent	67%, 76%, 75%
CMY	0.3335, 0.2392, 0.2549
CMYK	0.12, 0.00, 0.02, 0.24
HSL	170°, 16%, 71%
HSV	170°, 12%, 76%
XYZ	45.1570, 50.8473, 56.1420
YIQ	186.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

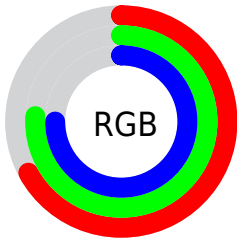
Format	Color
RYB	170, 183, 194
Decimal	11190974
CIELab	76.59, -8.93, -0.74
CIELCh	77, 8.960, 184.764
Yxy	50.8473, 0.2968, 0.3342
Android (android.graphics.Color)	4289381054 (0xFFAAC2BE)
YUV	186.3680, 1.7906, -14.3547
Hunter-Lab	71.3073, -11.7484, 3.2346

Details

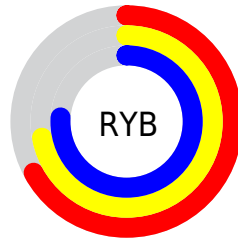
The Yxy color **50.8473, 0.2968, 0.3342** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2644, 0.3313, 0.3239**, and the grayscale version is **49.3128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6557, 0.2995, 0.3340**, and **24.4139, 0.2925, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **48.7044, 0.2847, 0.3388**, and if you desaturate by 10%, it is **53.3167, 0.3096, 0.3300**.

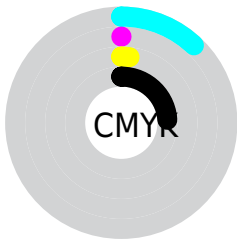
Distribution



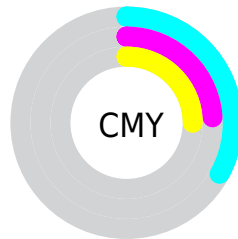
- Red (67%)
- Green (76%)
- Blue (75%)



- Red (67%)
- Yellow (72%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (33%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8473, 0.2968, 0.3342 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 50.8473, 0.2968, 0.3342 by changing the saturation by 10% instead.

■ 50.8473, 0.2968,
0.3342

■ 50.8473, 0.2968,
0.3342

■ 389.9702, 0.3046,
0.3317

■ 36.0871, 0.2949,
0.3348

■ 91.4290, 0.2996,
0.3333

■ 24.5015, 0.2924,
0.3356

■ 118.0193, 0.3007,
0.3329

■ 15.7060, 0.2892,
0.3366

■ 149.3218, 0.3016,
0.3327

■ 9.3164, 0.2848,
0.3380

■ 185.7208, 0.3024,
0.3324

■ 4.9481, 0.2783,
0.3401

■ 227.6007, 0.3030,
0.3322

■ 2.2168, 0.2679,
0.3433

■ 275.3460, 0.3036,

■ 0.7292, 0.2317,

0.3320

0.3557

329.3411, 0.3042,
0.3318

0.0000, 0.0000,
0.0000

50.8473, 0.2968,
0.3342

50.8473, 0.2968,
0.3342

48.7044, 0.2847,
0.3388

53.3167, 0.3096,
0.3300

46.8677, 0.2735,
0.3439

56.1193, 0.3228,
0.3261

45.3242, 0.2636,
0.3492

59.2696, 0.3361,
0.3227

44.0579, 0.2551,
0.3548

62.7793, 0.3495,
0.3196

43.0508, 0.2484,
0.3607

64.3172, 0.3529,
0.3165

■ 42.2831, 0.2436,
0.3666

■ 64.4769, 0.3503,
0.3132

■ 41.7318, 0.2407,
0.3726

■ 64.6400, 0.3476,
0.3099

■ 41.3697, 0.2396,
0.3785

■ 64.8063, 0.3451,
0.3066

■ 41.1817, 0.2397,
0.3830

■ 64.9760, 0.3425,
0.3034

Harmonies

Analogous

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



50.8473, 0.3075, 0.3441



50.8473, 0.2968, 0.3342



50.8473, 0.2904, 0.3230

Triad

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



50.8473, 0.2968, 0.3342



50.8473, 0.3053, 0.3092



50.8473, 0.3362, 0.3437

Complementary

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



50.8473, 0.2968, 0.3342



43.2644, 0.3313, 0.3239

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.



50.8473, 0.3356, 0.3343



50.8473, 0.2968, 0.3342



50.8473, 0.3176, 0.3146

Square

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



50.8473, 0.2968, 0.3342



50.8473, 0.2952, 0.3089



50.8473, 0.3288, 0.3237



50.8473, 0.3303, 0.3495

Rectangle

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



50.8473, 0.2968, 0.3342



50.8473, 0.2893, 0.3165



50.8473, 0.3288, 0.3237



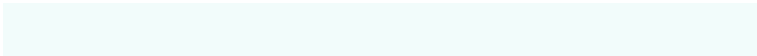
50.8473, 0.3367, 0.3409

Sweetspot

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



50.8494, 0.2968, 0.3342



95.7932, 0.3074, 0.3306



50.5328, 0.3148, 0.3608



20.8998, 0.3064, 0.3310



0.0000, 0.0000, 0.0000



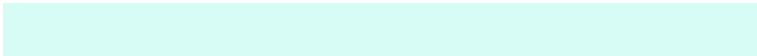
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8494, 0.2968, 0.3342



90.9483, 0.2933, 0.3355



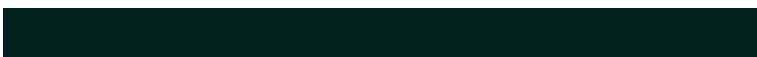
47.7245, 0.2938, 0.3190



11.3986, 0.3006, 0.3329



27.0819, 0.2395, 0.3823



1.1780, 0.2358, 0.3690

Inverse Universe

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



43.2644, 0.3313, 0.3239



74.3844, 0.3363, 0.3226



46.0472, 0.3336, 0.3388



10.1048, 0.3263, 0.3252



7.6194, 0.6135, 0.3153



0.3380, 0.5566, 0.2840

Previews

White Background



This preview shows how the Yxy color 50.8473, 0.2968, 0.3342 looks on a white background.

Color Contrast Check

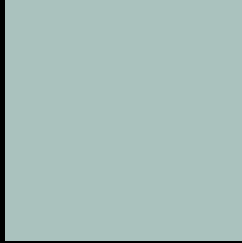
Large Text (above 18pt) WCAG AA × Fail

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 50.8473, 0.2968, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

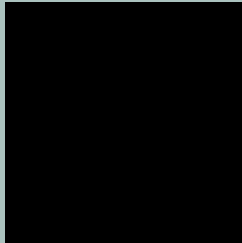
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

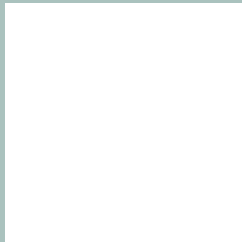
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8473, 0.2968, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 50.8473, 0.2968, 0.3342.

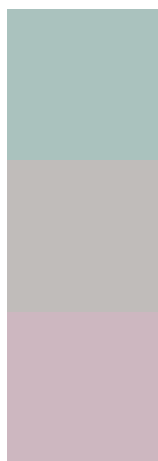


This preview shows how white text looks on a background with the Yxy color 50.8473, 0.2968, 0.3342.

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

50.8473, 0.2968, 0.3342

Protanopia

50.7181, 0.3176, 0.3315

Deuteranopia

50.6519, 0.3243, 0.3182



Tritanopia

50.6508, 0.2872, 0.3087

Trichromacy



Original Color

50.8473, 0.2968, 0.3342

Protanomaly

50.6051, 0.3101, 0.3328

Deuteranomaly

50.5087, 0.3138, 0.3240

Tritanomaly

50.6870, 0.2906, 0.3174

Monochromacy



Original Color

50.8473, 0.2968, 0.3342

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6863, 0.3069, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8473, 0.2968, 0.3342 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(170, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(170, 194, 190)  
}
```

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(170, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 194, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.8473, 0.2968, 0.3342 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(170, 194, 190) }
```

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

```
.border{ border-color:rgb(170, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(170, 194,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8473, 0.2968, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 194, 190) }
```

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

```
.background{ background-color: rgb(170,  
194, 190) }
```

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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