

Converting Colors

$Y_{xy}(48.1582, 0.2963, 0.3531)$

Have a look what the booklet for
Yxy(48.1582, 0.2963, 0.3531)
contains.

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Color

Yxy(48.3030, 0.2967, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	9CC1AF
RGB	156, 193, 175
RGB Percent	61%, 76%, 69%
CMY	0.3882, 0.2431, 0.3137
CMYK	0.19, 0.00, 0.09, 0.24
HSL	151°, 23%, 68%
HSV	151°, 19%, 76%
XYZ	40.5188, 48.3030, 47.7431
YIQ	179.8850, -16.2740, -13.4420

Conversions

Conversions Part 2

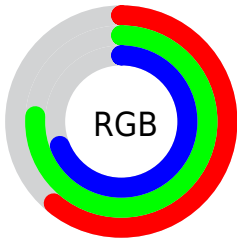
Format	Color
R _Y B	156, 180, 193
Decimal	10273199
CIE Lab	75.02, -16.00, 4.98
CIE LCh	75, 16.759, 162.710
Yxy	48.3030, 0.2967, 0.3537
Android (android.graphics.Color)	4288463279 (0xFF9CC1AF)
YUV	179.8850, -2.4083, -20.9471
Hunter-Lab	69.5004, -17.5599, 7.9211

Details

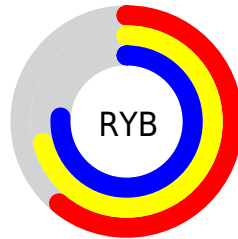
The Yxy color **48.3030, 0.2967, 0.3537** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1742, 0.3324, 0.3056**, and the grayscale version is **45.5982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9896, 0.2994, 0.3491**, and **22.8384, 0.2915, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **46.1736, 0.2889, 0.3686**, and if you desaturate by 10%, it is **50.7681, 0.3050, 0.3402**.

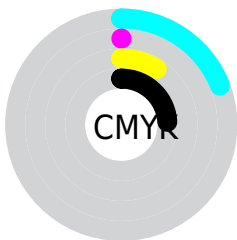
Distribution



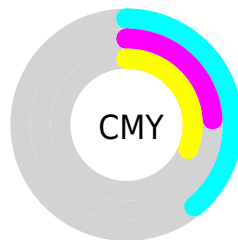
- Red (61%)
- Green (76%)
- Blue (69%)



- Red (61%)
- Yellow (71%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (39%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3030, 0.2967, 0.3537 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 48.3030, 0.2967, 0.3537 by changing the saturation by 10% instead.


 48.3030, 0.2967,
0.3537

 48.3030, 0.2967,
0.3537


379.9919, 0.3048,
0.3412

 34.0669, 0.2947,
0.3569

 87.6554, 0.2996,
0.3491

 22.9450, 0.2920,
0.3610


 113.5404, 0.3007,
0.3474

 14.5529, 0.2885,
0.3665


144.0773, 0.3017,
0.3460

 8.5062, 0.2836,
0.3743

179.6503, 0.3025,
0.3448

 4.4205, 0.2761,
0.3862

220.6438, 0.3032,
0.3437

 1.9115, 0.2635,
0.4064

267.4424, 0.3038,

 0.5553, 0.1445,

0.3428

0.5852

320.4303, 0.3043,
0.3419

0.0000, 0.0000,
0.0000

48.3030, 0.2967,
0.3537

48.3030, 0.2967,
0.3537

46.1736, 0.2889,
0.3686

50.7681, 0.3050,
0.3402

44.3589, 0.2819,
0.3849

53.5767, 0.3134,
0.3280

42.8447, 0.2759,
0.4024


56.7440, 0.3219,
0.3173


41.6135, 0.2713,
0.4208


60.2826, 0.3303,
0.3078

40.6459, 0.2684,
0.4398

64.2041, 0.3385,
0.2994

 39.9196, 0.2674,
0.4589


 65.1911, 0.3331,
0.2904

 39.4090, 0.2684,
0.4775

 65.7374, 0.3260,
0.2814

 39.0687, 0.2711,
0.4953

 66.3126, 0.3191,
0.2727

 39.0433, 0.2713,
0.4967

 66.6212, 0.3156,
0.2683

Harmonies

Analogous

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



48.3030, 0.3197, 0.3673



48.3030, 0.2967, 0.3537



48.3030, 0.2785, 0.3329

Triad

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



48.3030, 0.2967, 0.3537



48.3030, 0.2839, 0.2904



48.3030, 0.3581, 0.3434

Complementary

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



48.3030, 0.2967, 0.3537



38.1742, 0.3324, 0.3056

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.



48.3030, 0.3479, 0.3238



48.3030, 0.2967, 0.3537



48.3030, 0.3044, 0.2940

Square

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



48.3030, 0.2967, 0.3537



48.3030, 0.2713, 0.2966



48.3030, 0.3280, 0.3061



48.3030, 0.3556, 0.3603

Rectangle

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



48.3030, 0.2967, 0.3537



48.3030, 0.2712, 0.3185



48.3030, 0.3280, 0.3061



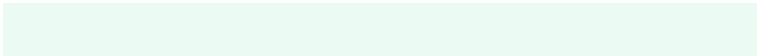
48.3030, 0.3561, 0.3370

Sweetspot

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



48.3050, 0.2967, 0.3537



92.4023, 0.3075, 0.3363



49.5987, 0.3254, 0.3786



19.7545, 0.3070, 0.3371



97.7402, 0.3127, 0.3290



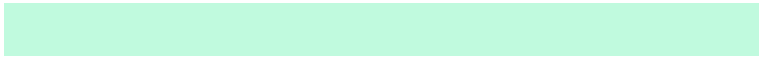
20.4902, 0.3127, 0.3290

Same Dimension

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



48.3050, 0.2967, 0.3537



84.8408, 0.2934, 0.3598



49.0604, 0.2843, 0.3289



11.3432, 0.3048, 0.3404



25.9838, 0.2707, 0.4945



1.1366, 0.2595, 0.4543

Inverse Universe

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



38.1742, 0.3324, 0.3056



63.3792, 0.3377, 0.3002



37.5182, 0.3499, 0.3291



10.1578, 0.3214, 0.3178



8.0936, 0.4993, 0.2524



0.3636, 0.4492, 0.2248

Previews

White Background



This preview shows how the Yxy color 48.3030, 0.2967, 0.3537 looks on a white background.

Color Contrast Check

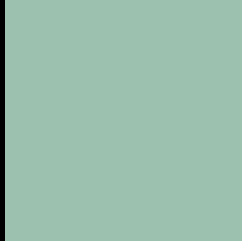
Large Text (above 18pt) WCAG AA × Fail

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 48.3030, 0.2967, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

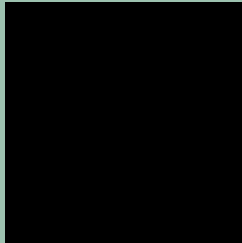
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

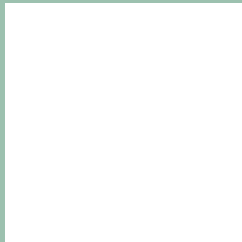
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3030, 0.2967, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 48.3030, 0.2967, 0.3537.



This preview shows how white text looks on a background with the Yxy color 48.3030, 0.2967, 0.3537.

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

48.3030, 0.2967, 0.3537

Protanopia

48.2596, 0.3299, 0.3470

Deuteranopia

47.8925, 0.3357, 0.3291



Tritanopia

48.3319, 0.2802, 0.3093

Trichromacy



Original Color

48.3030, 0.2967, 0.3537

Protanomaly

47.9842, 0.3168, 0.3488

Deuteranomaly

47.6061, 0.3209, 0.3368

Tritanomaly

48.0481, 0.2863, 0.3249

Monochromacy



Original Color

48.3030, 0.2967, 0.3537

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.5702, 0.3065, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3030, 0.2967, 0.3537 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(156, 193, 175)` looks like.

```
.text, #text, p{  
    color:rgb(156, 193, 175)  
}
```

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(156, 193, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 193, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.3030, 0.2967, 0.3537 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(156, 193, 175) }
```

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

```
.border{ border-color:rgb(156, 193, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 193, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 193, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 193, 175);  
box-shadow:4px 4px 4px 4px rgb(156, 193,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3030, 0.2967, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 193, 175) }
```

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

```
.background{ background-color: rgb(156,  
193, 175) }
```

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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