

Converting Colors

Yxy(46.7383, 0.2910, 0.3330)

Have a look what the booklet for
Yxy(46.7383, 0.2910, 0.3330)
contains.

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Color

Yxy(46.7383, 0.2910, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	9EBCB9
RGB	158, 188, 185
RGB Percent	62%, 74%, 73%
CMY	0.3803, 0.2627, 0.2745
CMYK	0.16, 0.00, 0.02, 0.26
HSL	174°, 18%, 68%
HSV	174°, 16%, 74%
XYZ	40.8434, 46.7383, 52.7736
YIQ	178.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

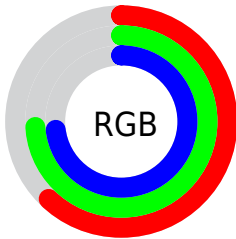
Format	Color
RYB	158, 174, 188
Decimal	10403001
CIELab	74.02, -10.72, -1.89
CIELCh	74, 10.882, 190.011
Yxy	46.7383, 0.2910, 0.3330
Android (android.graphics.Color)	4288593081 (0xFF9EBCB9)
YUV	178.6880, 3.1118, -18.1434
Hunter-Lab	68.3654, -12.9987, 2.0878

Details

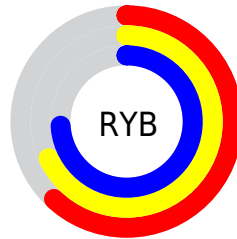
The Yxy color **46.7383, 0.2910, 0.3330** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7231, 0.3395, 0.3251**, and the grayscale version is **44.8969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1984, 0.2950, 0.3321**, and **22.0581, 0.2847, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **44.8985, 0.2784, 0.3358**, and if you desaturate by 10%, it is **48.8747, 0.3044, 0.3304**.

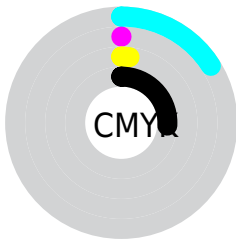
Distribution



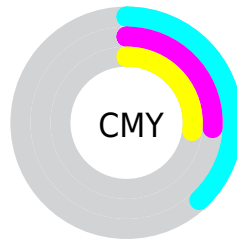
- Red (62%)
- Green (74%)
- Blue (73%)



- Red (62%)
- Yellow (68%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)




- Cyan (38%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7383, 0.2910, 0.3330 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 46.7383, 0.2910, 0.3330 by changing the saturation by 10% instead.


 46.7383, 0.2910,
0.3330


 46.7383, 0.2910,
0.3330


373.7690, 0.3018,
0.3311

 32.8288, 0.2883,
0.3335


 85.3229, 0.2949,
0.3323

 21.9953, 0.2849,
0.3340


 110.7667, 0.2964,
0.3321

 13.8535, 0.2803,
0.3348


140.8242, 0.2976,
0.3318

 8.0188, 0.2739,
0.3358

175.8796, 0.2987,
0.3316

 4.1070, 0.2645,
0.3373

216.3174, 0.2996,
0.3315

 1.7336, 0.2489,
0.3394

262.5220, 0.3005,

 0.4453, 0.1320,

0.3313

0.3638

314.8777, 0.3012,
0.3312

0.0000, 0.0000,
0.0000

46.7383, 0.2910,
0.3330

46.7383, 0.2910,
0.3330

44.8985, 0.2784,
0.3358

48.8747, 0.3044,
0.3304

43.3363, 0.2670,
0.3388

51.3141, 0.3184,
0.3281

42.0393, 0.2570,
0.3419

54.0703, 0.3328,
0.3260

40.9920, 0.2486,
0.3452

57.1543, 0.3472,
0.3241

40.1775, 0.2421,
0.3486

60.5766, 0.3615,
0.3224

■ 39.5763, 0.2374,
0.3520

■ 61.2235, 0.3624,
0.3206

■ 39.1662, 0.2346,
0.3554

■ 61.3095, 0.3608,
0.3186

■ 38.9188, 0.2336,
0.3588

■ 61.3965, 0.3593,
0.3167

■ 38.8410, 0.2334,
0.3601

■ 61.4847, 0.3577,
0.3148

Harmonies

Analogous

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



46.7383, 0.3036, 0.3461



46.7383, 0.2910, 0.3330



46.7383, 0.2842, 0.3191

Triad

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



46.7383, 0.2910, 0.3330



46.7383, 0.3060, 0.3052



46.7383, 0.3413, 0.3490

Complementary

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



46.7383, 0.2910, 0.3330



37.7231, 0.3395, 0.3251

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.



46.7383, 0.3421, 0.3377



46.7383, 0.2910, 0.3330



46.7383, 0.3215, 0.3128

Square

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



46.7383, 0.2910, 0.3330



46.7383, 0.2927, 0.3035



46.7383, 0.3348, 0.3246



46.7383, 0.3327, 0.3552

Rectangle

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



46.7383, 0.2910, 0.3330



46.7383, 0.2838, 0.3115



46.7383, 0.3348, 0.3246



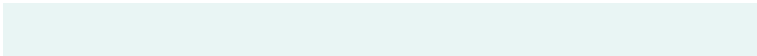
46.7383, 0.3425, 0.3456

Sweetspot

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



46.7402, 0.2910, 0.3330



88.9397, 0.3056, 0.3302



46.0139, 0.3132, 0.3709



19.0631, 0.3047, 0.3304



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.7402, 0.2910, 0.3330



83.5299, 0.2867, 0.3339



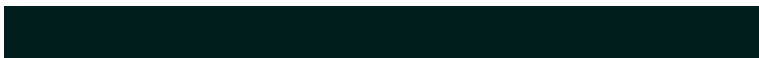
41.9542, 0.2882, 0.3124



10.7927, 0.2998, 0.3313



26.4513, 0.2333, 0.3597



1.0409, 0.2310, 0.3516

Inverse Universe

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



37.7231, 0.3395, 0.3251



64.2046, 0.3465, 0.3242



41.9130, 0.3399, 0.3451



9.5514, 0.3273, 0.3267



7.3159, 0.6269, 0.3227



0.2918, 0.5841, 0.2992

Previews

White Background



This preview shows how the Yxy color 46.7383, 0.2910, 0.3330 looks on a white background.

Color Contrast Check

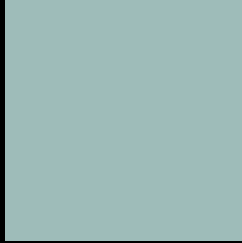
Large Text (above 18pt) WCAG AA × Fail

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 46.7383, 0.2910, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

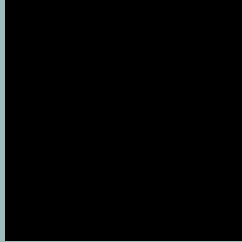
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

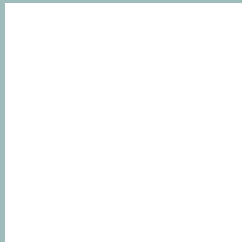
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7383, 0.2910, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 46.7383, 0.2910, 0.3330.

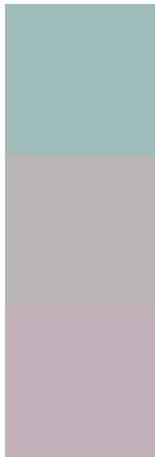


This preview shows how white text looks on a background with the Yxy color 46.7383, 0.2910, 0.3330.

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

46.7383, 0.2910, 0.3330

Protanopia

46.6982, 0.3161, 0.3290

Deuteranopia

46.3743, 0.3213, 0.3152



Tritanopia

46.8650, 0.2827, 0.3104

Trichromacy



Original Color

46.7383, 0.2910, 0.3330

Protanomaly

46.7723, 0.3067, 0.3316

Deuteranomaly

46.1328, 0.3097, 0.3212

Tritanomaly

46.9544, 0.2855, 0.3182

Monochromacy



Original Color

46.7383, 0.2910, 0.3330

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.4500, 0.3042, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7383, 0.2910, 0.3330 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(158, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(158, 188, 185)  
}
```

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(158, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 188, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.7383, 0.2910, 0.3330 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(158, 188, 185) }
```

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

```
.border{ border-color:rgb(158, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(158, 188,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7383, 0.2910, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 188, 185) }
```

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

```
.background{ background-color: rgb(158,  
188, 185) }
```

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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