

Converting Colors

$Yxy(47.9887, 0.2986, 0.3334)$

Have a look what the booklet for
Yxy(47.9887, 0.2986, 0.3334)
contains.

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Color

Yxy(47.7941, 0.2988, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	A8BCB9
RGB	168, 188, 185
RGB Percent	66%, 74%, 73%
CMY	0.3412, 0.2627, 0.2746
CMYK	0.11, 0.00, 0.02, 0.26
HSL	171°, 13%, 70%
HSV	171°, 11%, 74%
XYZ	42.8855, 47.7941, 52.8462
YIQ	181.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

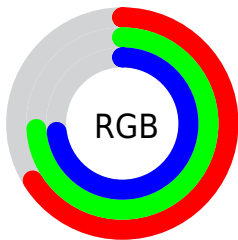
Format	Color
R_{YB}	168, 179, 188
Decimal	11058361
CIE Lab	74.69, -7.43, -0.80
CIE LCh	75, 7.474, 186.174
Yxy	47.7941, 0.2988, 0.3330
Android (android.graphics.Color)	4289248441 (0xFFA8BCB9)
YUV	181.6780, 1.6377, -11.9956
Hunter-Lab	69.1333, -10.2541, 3.0714

Details

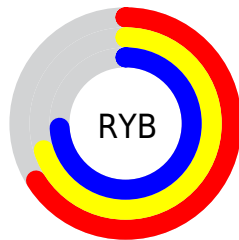
The Yxy color **47.7941, 0.2988, 0.3330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6389, 0.3286, 0.3250**, and the grayscale version is **46.5902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7402, 0.3011, 0.3321**, and **22.7069, 0.2950, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **45.7602, 0.2864, 0.3371**, and if you desaturate by 10%, it is **50.1327, 0.3119, 0.3292**.

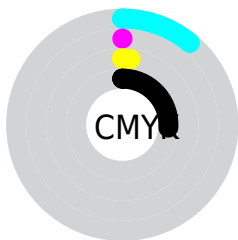
Distribution



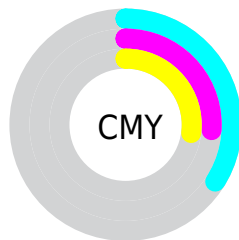
- Red (66%)
- Green (74%)
- Blue (73%)



- Red (66%)
- Yellow (70%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7941, 0.2988, 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 47.7941, 0.2988, 0.3330 by changing the saturation by 10% instead.

■ 47.7941, 0.2988,
0.3330

■ 47.7941, 0.2988,
0.3330

377.9754, 0.3057,
0.3310

■ 33.6639, 0.2971,
0.3335

■ 86.8978, 0.3013,
0.3323

■ 22.6355, 0.2949,
0.3341

■ 112.6400, 0.3023,
0.3320

■ 14.3246, 0.2920,
0.3349

143.0216, 0.3030,
0.3318

■ 8.3468, 0.2879,
0.3360

178.4271, 0.3037,
0.3316

■ 4.3176, 0.2819,
0.3377

219.2409, 0.3043,
0.3314

■ 1.8528, 0.2720,
0.3403

265.8472, 0.3049,

■ 0.5198, 0.2149,

0.3313

0.3573

318.6306, 0.3053,
0.3312

0.0000, 0.0000,
0.0000

47.7941, 0.2988,
0.3330

47.7941, 0.2988,
0.3330

45.7602, 0.2864,
0.3371

50.1327, 0.3119,
0.3292

44.0124, 0.2749,
0.3416

52.7821, 0.3253,
0.3258

42.5389, 0.2646,
0.3464

55.7556, 0.3389,
0.3228

41.3249, 0.2557,
0.3514

59.0639, 0.3524,
0.3201

40.3542, 0.2486,
0.3566

61.3648, 0.3599,
0.3175

■ 39.6088, 0.2433,
0.3619

■ 61.4989, 0.3575,
0.3145

■ 39.0681, 0.2399,
0.3673

■ 61.6355, 0.3551,
0.3116

■ 38.7078, 0.2384,
0.3726

■ 61.7746, 0.3527,
0.3087

■ 38.4890, 0.2382,
0.3776

■ 61.9163, 0.3504,
0.3058

Harmonies

Analogous

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



47.7941, 0.3078, 0.3415



47.7941, 0.2988, 0.3330



47.7941, 0.2935, 0.3235

Triad

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



47.7941, 0.2988, 0.3330



47.7941, 0.3069, 0.3122



47.7941, 0.3326, 0.3419

Complementary

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



47.7941, 0.2988, 0.3330



41.6389, 0.3286, 0.3250

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.



47.7941, 0.3323, 0.3340



47.7941, 0.2988, 0.3330



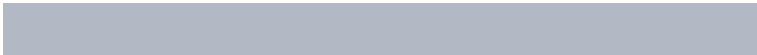
47.7941, 0.3174, 0.3170

Square

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



47.7941, 0.2988, 0.3330



47.7941, 0.2981, 0.3117



47.7941, 0.3268, 0.3249



47.7941, 0.3274, 0.3466

Rectangle

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



47.7941, 0.2988, 0.3330



47.7941, 0.2927, 0.3180



47.7941, 0.3268, 0.3249



47.7941, 0.3331, 0.3395

Sweetspot

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



47.7961, 0.2988, 0.3330



89.7795, 0.3087, 0.3301



47.4925, 0.3142, 0.3560



19.2311, 0.3076, 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.



47.7961, 0.2988, 0.3330



85.6157, 0.2955, 0.3340



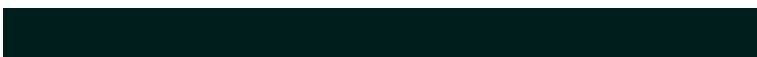
45.1414, 0.2965, 0.3200



10.7840, 0.3005, 0.3325



26.2116, 0.2380, 0.3769



1.0336, 0.2345, 0.3642

Inverse Universe

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



41.6389, 0.3286, 0.3250



72.0049, 0.3330, 0.3240



44.0506, 0.3303, 0.3378



9.5594, 0.3265, 0.3255



7.3452, 0.6168, 0.3172



0.2953, 0.5596, 0.2857

Previews

White Background



This preview shows how the Yxy color 47.7941, 0.2988, 0.3330 looks on a white background.

Color Contrast Check

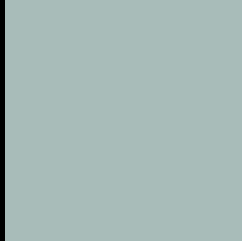
Large Text (above 18pt) WCAG AA × Fail

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 47.7941, 0.2988, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

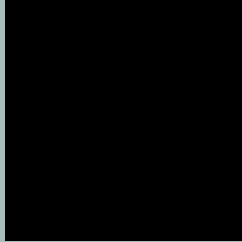
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

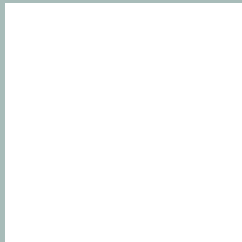
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7941, 0.2988, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 47.7941, 0.2988, 0.3330.



This preview shows how white text looks on a background with the Yxy color 47.7941, 0.2988, 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

47.7941, 0.2988, 0.3330

Protanopia

47.8092, 0.3169, 0.3303

Deuteranopia

47.7080, 0.3246, 0.3179



Tritanopia

47.9459, 0.2903, 0.3108

Trichromacy



Original Color

47.7941, 0.2988, 0.3330

Protanomaly

47.8201, 0.3101, 0.3316

Deuteranomaly

47.6924, 0.3147, 0.3239

Tritanomaly

48.0268, 0.2931, 0.3185

Monochromacy



Original Color

47.7941, 0.2988, 0.3330

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0470, 0.3076, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7941, 0.2988, 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(168, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 188, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.7941, 0.2988, 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(168, 188, 185) }
```

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

```
.border{ border-color:rgb(168, 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(168, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(168, 188,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7941, 0.2988, 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(168, 188, 185) }
```

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

```
.background{ background-color: rgb(168,  
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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