

Converting Colors

$Yxy(46.8669, 0.2926, 0.3249)$

Have a look what the booklet for
Yxy(46.8669, 0.2926, 0.3249)
contains.

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Color

Yxy(46.6844, 0.2927, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	A4BABD
RGB	164, 186, 189
RGB Percent	64%, 73%, 74%
CMY	0.3568, 0.2706, 0.2588
CMYK	0.13, 0.02, 0.00, 0.26
HSL	187°, 16%, 69%
HSV	187°, 13%, 74%
XYZ	42.0576, 46.6844, 54.9465
YIQ	179.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

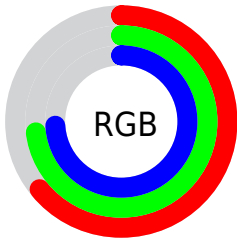
Format	Color
RYB	164, 176, 189
Decimal	10795709
CIELab	73.99, -6.86, -4.08
CIElCh	74, 7.985, 210.716
Yxy	46.6844, 0.2927, 0.3249
Android (android.graphics.Color)	4288985789 (0xFFA4BABD)
YUV	179.7640, 4.5533, -13.8250
Hunter-Lab	68.3260, -9.6959, 0.1483

Details

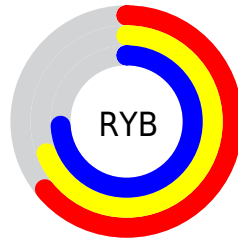
The Yxy color **46.6844, 0.2927, 0.3249** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1517, 0.3360, 0.3331**, and the grayscale version is **45.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1569, 0.2963, 0.3258**, and **21.9974, 0.2869, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **43.8688, 0.2782, 0.3215**, and if you desaturate by 10%, it is **49.8182, 0.3078, 0.3280**.

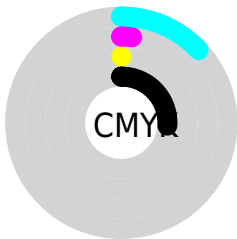
Distribution



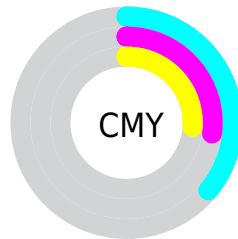
- Red (64%)
- Green (73%)
- Blue (74%)



- Red (64%)
- Yellow (69%)
- Blue (74%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6844, 0.2927, 0.3249 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 46.6844, 0.2927, 0.3249 by changing the saturation by 10% instead.

■ 46.6844, 0.2927,
0.3249

■ 46.6844, 0.2927,
0.3249

373.5534, 0.3027,
0.3270

■ 32.7862, 0.2902,
0.3243

■ 85.2423, 0.2963,
0.3257

■ 21.9627, 0.2871,
0.3236

■ 110.6709, 0.2977,
0.3260

■ 13.8295, 0.2829,
0.3226

140.7117, 0.2988,
0.3262

■ 8.0022, 0.2770,
0.3212

175.7492, 0.2998,
0.3264

■ 4.0963, 0.2684,
0.3190

216.1677, 0.3007,
0.3266

■ 1.7276, 0.2542,
0.3150

262.3516, 0.3014,

■ 0.4414, 0.1727,

0.3268

0.3025

314.6854, 0.3021,
0.3269

0.0000, 0.0000,
0.0000

46.6844, 0.2927,
0.3249

46.6844, 0.2927,
0.3249

43.8688, 0.2782,
0.3215

49.8182, 0.3078,
0.3280

41.3522, 0.2647,
0.3178

53.2766, 0.3232,
0.3309

39.1225, 0.2523,
0.3140

57.0734, 0.3386,
0.3335

37.1642, 0.2414,
0.3099

61.2196, 0.3540,
0.3358

35.4605, 0.2322,
0.3058

65.0511, 0.3661,
0.3379

■ 33.9924, 0.2249,
0.3016

■ 66.0977, 0.3655,
0.3402

■ 32.7382, 0.2194,
0.2974

■ 67.1601, 0.3649,
0.3426

■ 31.6718, 0.2158,
0.2932

■ 68.2383, 0.3643,
0.3449

■ 31.0216, 0.2140,
0.2904

■ 69.3324, 0.3637,
0.3472

Harmonies

Analogous

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



46.6844, 0.2993, 0.3351



46.6844, 0.2927, 0.3249



46.6844, 0.2914, 0.3160

Triad

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



46.6844, 0.2927, 0.3249



46.6844, 0.3157, 0.3149



46.6844, 0.3299, 0.3473

Complementary

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



46.6844, 0.2927, 0.3249



41.1517, 0.3360, 0.3331

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.



46.6844, 0.3345, 0.3415



46.6844, 0.2927, 0.3249



46.6844, 0.3262, 0.3229

Square

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



46.6844, 0.2927, 0.3249



46.6844, 0.3045, 0.3105



46.6844, 0.3332, 0.3326



46.6844, 0.3207, 0.3483

Rectangle

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



46.6844, 0.2927, 0.3249



46.6844, 0.2937, 0.3121



46.6844, 0.3332, 0.3326



46.6844, 0.3320, 0.3459

Sweetspot

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



46.6863, 0.2927, 0.3249



88.7158, 0.3065, 0.3278



47.0838, 0.3089, 0.3593



18.9834, 0.3053, 0.3276



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.



46.6863, 0.2927, 0.3249



82.0128, 0.2882, 0.3239



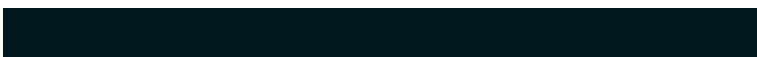
41.6869, 0.2923, 0.3080



10.6076, 0.2985, 0.3262



20.9430, 0.2142, 0.2910



0.8764, 0.2169, 0.3009

Inverse Universe

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



40.9230, 0.3168, 0.3006



69.6378, 0.3179, 0.2939



45.9157, 0.3339, 0.3492



9.6759, 0.3156, 0.3091



9.1439, 0.3535, 0.1721



0.3638, 0.3447, 0.1672

Previews

White Background



This preview shows how the Yxy color 46.6844, 0.2927, 0.3249 looks on a white background.

Color Contrast Check

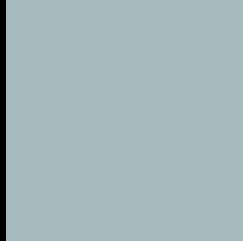
Large Text (above 18pt) WCAG AA × Fail

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 46.6844, 0.2927, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

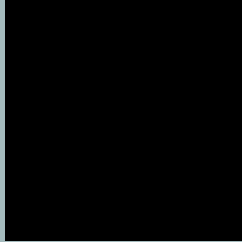
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

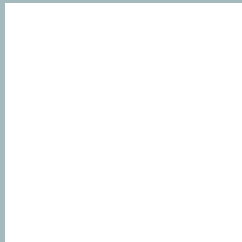
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6844, 0.2927, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 46.6844, 0.2927, 0.3249.



This preview shows how white text looks on a background with the Yxy color 46.6844, 0.2927, 0.3249.

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

46.6844, 0.2927, 0.3249

Protanopia

46.6602, 0.3105, 0.3225

Deuteranopia

46.4144, 0.3171, 0.3103



Tritanopia

46.5115, 0.2870, 0.3092

Trichromacy



Original Color

46.6844, 0.2927, 0.3249

Protanomaly

46.6849, 0.3038, 0.3237

Deuteranomaly

46.5506, 0.3082, 0.3162

Tritanomaly

46.6374, 0.2891, 0.3157

Monochromacy



Original Color

46.6844, 0.2927, 0.3249

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8735, 0.3052, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6844, 0.2927, 0.3249 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(164, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 186, 189)  
}
```

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(164, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 186, 189) }
```

Border

The CSS property to change the border of an element to Yxy 46.6844, 0.2927, 0.3249 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(164, 186, 189) }
```

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

```
.border{ border-color:rgb(164, 186, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 186, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 186, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 186,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6844, 0.2927, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 186, 189) }
```

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

```
.background{ background-color: rgb(164,  
186, 189) }
```

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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