

Converting Colors

$Yxy(46.2550, 0.3088, 0.3371)$

Have a look what the booklet for
Yxy(46.2550, 0.3088, 0.3371)
contains.

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Color

Yxy(46.3796, 0.3082, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	ADB8B2
RGB	173, 184, 178
RGB Percent	68%, 72%, 70%
CMY	0.3214, 0.2785, 0.3020
CMYK	0.06, 0.00, 0.03, 0.28
HSL	147°, 7%, 70%
HSV	147°, 6%, 72%
XYZ	42.4160, 46.3796, 48.8293
YIQ	180.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

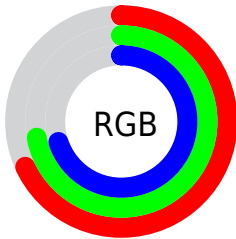
Format	Color
RYB	173, 181, 184
Decimal	11385010
CIELab	73.79, -4.94, 1.73
CIELCh	74, 5.232, 160.741
Yxy	46.3796, 0.3082, 0.3370
Android (android.graphics.Color)	4289575090 (0xFFADB8B2)
YUV	180.0270, -0.9993, -6.1627
Hunter-Lab	68.1026, -8.0052, 5.1611

Details

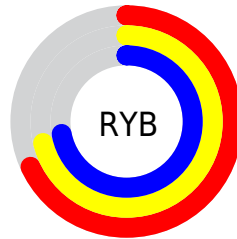
The Yxy color **46.3796, 0.3082, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3504, 0.3175, 0.3211**, and the grayscale version is **45.6684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7547, 0.3085, 0.3352**, and **21.7782, 0.3076, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **44.0352, 0.3007, 0.3517**, and if you desaturate by 10%, it is **49.0467, 0.3158, 0.3239**.

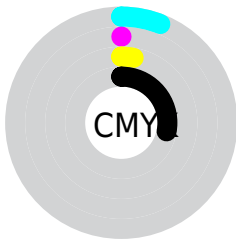
Distribution



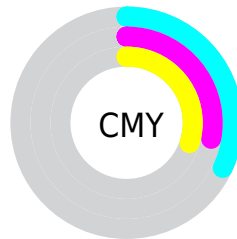
- Red (68%)
- Green (72%)
- Blue (70%)



- Red (68%)
- Yellow (71%)
- Blue (72%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3796, 0.3082, 0.3370 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 46.3796, 0.3082, 0.3370 by changing the saturation by 10% instead.

■ 46.3796, 0.3082,
0.3370

■ 46.3796, 0.3082,
0.3370

372.3327, 0.3105,
0.3330

■ 32.5455, 0.3076,
0.3380

■ 84.7868, 0.3090,
0.3355

■ 21.7785, 0.3069,
0.3393

110.1287, 0.3093,
0.3350

■ 13.6942, 0.3059,
0.3411

140.0753, 0.3096,
0.3345

■ 7.9083, 0.3045,
0.3435

175.0110, 0.3098,
0.3341

■ 4.0363, 0.3024,
0.3473

215.3202, 0.3100,
0.3338

■ 1.6939, 0.2988,
0.3536

261.3873, 0.3102,

■ 0.4197, 0.2691,

0.3335

0.4058

313.5966, 0.3103,
0.3332

0.0000, 0.0000,
0.0000

46.3796, 0.3082,
0.3370

46.3796, 0.3082,
0.3370

44.0352, 0.3007,
0.3517

49.0467, 0.3158,
0.3239

41.9952, 0.2935,
0.3681

52.0421, 0.3233,
0.3123

40.2483, 0.2869,
0.3861

55.3790, 0.3307,
0.3020

38.7804, 0.2812,
0.4055

59.0680, 0.3378,
0.2931

37.5761, 0.2766,
0.4260

61.1646, 0.3365,
0.2841

■ 36.6184, 0.2736,
0.4472

■ 61.7430, 0.3285,
0.2745

■ 35.8883, 0.2724,
0.4686

■ 62.3547, 0.3207,
0.2652

■ 35.3639, 0.2731,
0.4894

■ 62.7584, 0.3160,
0.2595

■ 35.0173, 0.2756,
0.5091

Harmonies

Analogous

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



46.3796, 0.3156, 0.3410



46.3796, 0.3082, 0.3370



46.3796, 0.3021, 0.3308

Triad

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



46.3796, 0.3082, 0.3370



46.3796, 0.3032, 0.3166



46.3796, 0.3268, 0.3335

Complementary

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



46.3796, 0.3082, 0.3370



43.3504, 0.3175, 0.3211

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.



46.3796, 0.3234, 0.3271



46.3796, 0.3082, 0.3370



46.3796, 0.3097, 0.3174

Square

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



46.3796, 0.3082, 0.3370



46.3796, 0.2992, 0.3191



46.3796, 0.3172, 0.3212



46.3796, 0.3264, 0.3389

Rectangle

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



46.3796, 0.3082, 0.3370



46.3796, 0.2995, 0.3264



46.3796, 0.3172, 0.3212



46.3796, 0.3261, 0.3314

Sweetspot

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



46.3816, 0.3082, 0.3370



85.9084, 0.3112, 0.3317



46.8889, 0.3171, 0.3435



18.5310, 0.3113, 0.3315



93.3107, 0.3127, 0.3290



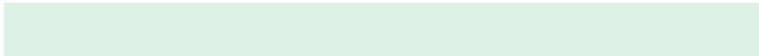
18.7317, 0.3127, 0.3290

Same Dimension

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



46.3816, 0.3082, 0.3370



83.5603, 0.3073, 0.3386



46.6052, 0.3040, 0.3297



10.2264, 0.3071, 0.3391



24.0714, 0.2762, 0.5144



0.8611, 0.2621, 0.4634

Inverse Universe

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



43.3504, 0.3175, 0.3211



77.0392, 0.3185, 0.3196



43.1338, 0.3221, 0.3283



9.3893, 0.3188, 0.3191



7.6840, 0.4730, 0.2379



0.2832, 0.4237, 0.2108

Previews

White Background



This preview shows how the Yxy color 46.3796, 0.3082, 0.3370 looks on a white background.

Color Contrast Check

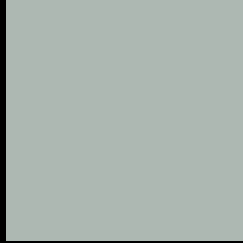
Large Text (above 18pt) WCAG AA × Fail

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 46.3796, 0.3082, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

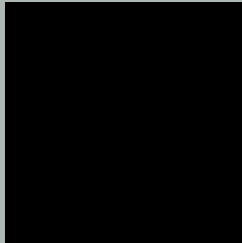
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

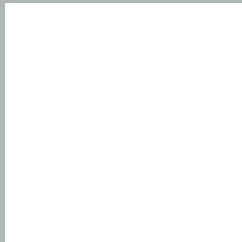
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.3796, 0.3082, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 46.3796, 0.3082, 0.3370.



This preview shows how white text looks on a background with the Yxy color 46.3796, 0.3082, 0.3370.

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

46.3796, 0.3082, 0.3370

Protanopia

46.2162, 0.3211, 0.3342

Deuteranopia

46.0973, 0.3300, 0.3228



Tritanopia

46.2634, 0.2970, 0.3095

Trichromacy



Original Color

46.3796, 0.3082, 0.3370

Protanomaly

46.0458, 0.3159, 0.3343

Deuteranomaly

46.0426, 0.3224, 0.3277

Tritanomaly

46.2440, 0.3015, 0.3198

Monochromacy



Original Color

46.3796, 0.3082, 0.3370

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6495, 0.3109, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3796, 0.3082, 0.3370 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(173, 184, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 178)  
}
```

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(173, 184, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 178) }
```

Border

The CSS property to change the border of an element to Yxy 46.3796, 0.3082, 0.3370 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(173, 184, 178) }
```

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

```
.border{ border-color:rgb(173, 184, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3796, 0.3082, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 178) }
```

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

```
.background{ background-color: rgb(173,  
184, 178) }
```

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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