

Converting Colors

$Yxy(47.0009, 0.3061, 0.3308)$

Have a look what the booklet for
Yxy(47.0009, 0.3061, 0.3308)
contains.

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Color

Yxy(46.8138, 0.3060, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	AFB8B7
RGB	175, 184, 183
RGB Percent	69%, 72%, 72%
CMY	0.3136, 0.2784, 0.2824
CMYK	0.05, 0.00, 0.01, 0.28
HSL	173°, 6%, 70%
HSV	173°, 5%, 72%
XYZ	43.3697, 46.8138, 51.5476
YIQ	181.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

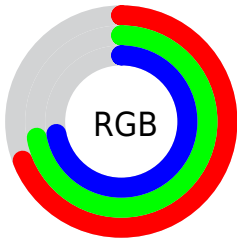
Format	Color
RYB	175, 180, 184
Decimal	11516087
CIELab	74.07, -3.30, -0.58
CIELCh	74, 3.352, 190.001
Yxy	46.8138, 0.3060, 0.3303
Android (android.graphics.Color)	4289706167 (0xFFAFB8B7)
YUV	181.1950, 0.8899, -5.4330
Hunter-Lab	68.4206, -6.5904, 3.2257

Details

The Yxy color **46.8138, 0.3060, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9936, 0.3199, 0.3277**, and the grayscale version is **46.3189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5411, 0.3075, 0.3300**, and **22.0553, 0.3047, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **44.7445, 0.2927, 0.3332**, and if you desaturate by 10%, it is **49.1784, 0.3199, 0.3277**.

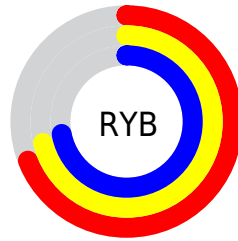
Distribution



Red (69%)

Green (72%)

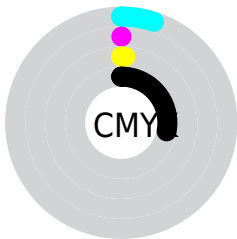
Blue (72%)



Red (69%)

Yellow (71%)

Blue (72%)

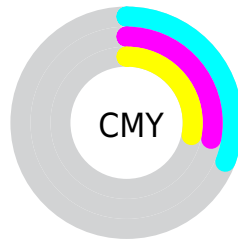


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.8138, 0.3060, 0.3303 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 46.8138, 0.3060, 0.3303 by changing the saturation by 10% instead.

■ 46.8138, 0.3060,
0.3303

■ 46.8138, 0.3060,
0.3303

374.0708, 0.3094,
0.3297

■ 32.8885, 0.3052,
0.3305

■ 85.4356, 0.3072,
0.3301

■ 22.0410, 0.3041,
0.3307

110.9009, 0.3077,
0.3300

■ 13.8870, 0.3027,
0.3309

140.9816, 0.3081,
0.3299

■ 8.0421, 0.3007,
0.3313

176.0622, 0.3084,
0.3298

■ 4.1219, 0.2977,
0.3318

216.5270, 0.3087,
0.3298

■ 1.7420, 0.2927,
0.3327

262.7605, 0.3089,

■ 0.4506, 0.2615,

0.3297

0.3389

315.1469, 0.3092,
0.3297

0.0000, 0.0000,
0.0000

46.8138, 0.3060,
0.3303

46.8138, 0.3060,
0.3303

44.7445, 0.2927,
0.3332

49.1784, 0.3199,
0.3277

42.9530, 0.2801,
0.3363

51.8434, 0.3340,
0.3254

41.4287, 0.2687,
0.3396

54.8211, 0.3482,
0.3233

40.1584, 0.2587,
0.3431

58.1216, 0.3623,
0.3215

39.1273, 0.2502,
0.3468

59.4028, 0.3659,
0.3195

■ 38.3195, 0.2435,
0.3506

■ 59.4953, 0.3642,
0.3174

■ 37.7171, 0.2387,
0.3544

■ 59.5890, 0.3624,
0.3152

■ 37.2991, 0.2358,
0.3583

■ 59.6840, 0.3606,
0.3131

■ 37.0405, 0.2347,
0.3621

■ 59.7804, 0.3589,
0.3110

Harmonies

Analogous

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



46.8138, 0.3100, 0.3342



46.8138, 0.3060, 0.3303



46.8138, 0.3038, 0.3261

Triad

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



46.8138, 0.3060, 0.3303



46.8138, 0.3107, 0.3215



46.8138, 0.3215, 0.3353

Complementary

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



46.8138, 0.3060, 0.3303



43.9936, 0.3199, 0.3277

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.



46.8138, 0.3217, 0.3318



46.8138, 0.3060, 0.3303



46.8138, 0.3155, 0.3239

Square

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



46.8138, 0.3060, 0.3303



46.8138, 0.3066, 0.3211



46.8138, 0.3195, 0.3277



46.8138, 0.3189, 0.3370

Rectangle

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



46.8138, 0.3060, 0.3303



46.8138, 0.3037, 0.3237



46.8138, 0.3195, 0.3277



46.8138, 0.3218, 0.3343

Sweetspot

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



46.8158, 0.3060, 0.3303



86.4580, 0.3113, 0.3293



46.6147, 0.3130, 0.3409



18.6434, 0.3114, 0.3293



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.



46.8158, 0.3060, 0.3303



84.3810, 0.3043, 0.3306



45.4450, 0.3053, 0.3244



10.3253, 0.3037, 0.3308



25.4666, 0.2343, 0.3636



0.9027, 0.2316, 0.3537

Inverse Universe

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



43.9936, 0.3199, 0.3277



78.0371, 0.3218, 0.3274



45.3113, 0.3203, 0.3335



9.4944, 0.3225, 0.3273



7.0647, 0.6246, 0.3215



0.2544, 0.5753, 0.2943

Previews

White Background



This preview shows how the Yxy color 46.8138, 0.3060, 0.3303 looks on a white background.

Color Contrast Check

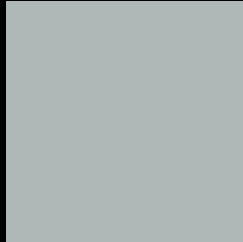
Large Text (above 18pt) WCAG AA × Fail

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 46.8138, 0.3060, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

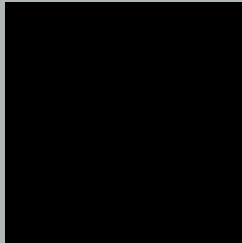
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

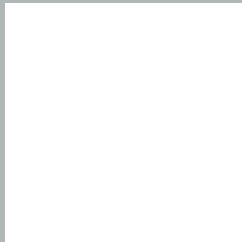
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8138, 0.3060, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 46.8138, 0.3060, 0.3303.

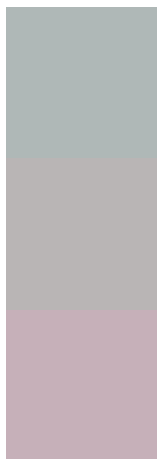


This preview shows how white text looks on a background with the Yxy color 46.8138, 0.3060, 0.3303.

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

46.8138, 0.3060, 0.3303

Protanopia

46.6982, 0.3161, 0.3290

Deuteranopia

46.5592, 0.3247, 0.3178



Tritanopia

46.7885, 0.2978, 0.3109

Trichromacy



Original Color

46.8138, 0.3060, 0.3303

Protanomaly

46.6571, 0.3119, 0.3290

Deuteranomaly

46.6480, 0.3182, 0.3226

Tritanomaly

46.8587, 0.3008, 0.3185

Monochromacy



Original Color

46.8138, 0.3060, 0.3303

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4170, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8138, 0.3060, 0.3303 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(175, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 184, 183)  
}
```

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(175, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 184, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.8138, 0.3060, 0.3303 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(175, 184, 183) }
```

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

```
.border{ border-color:rgb(175, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 184,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8138, 0.3060, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 184, 183) }
```

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

```
.background{ background-color: rgb(175,  
184, 183) }
```

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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