

Converting Colors

$Yxy(46.6540, 0.3175, 0.3409)$

Have a look what the booklet for
Yxy(46.6540, 0.3175, 0.3409)
contains.

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Color

Yxy(46.6263, 0.3173, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	B4B7AE
RGB	180, 183, 174
RGB Percent	71%, 72%, 68%
CMY	0.2940, 0.2824, 0.3177
CMYK	0.02, 0.00, 0.05, 0.28
HSL	80°, 6%, 70%
HSV	80°, 5%, 72%
XYZ	43.3984, 46.6263, 46.7494
YIQ	181.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

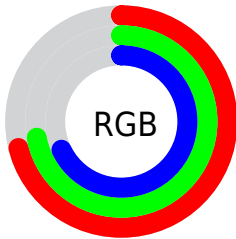
Format	Color
RYB	174, 183, 177
Decimal	11843502
CIELab	73.95, -2.70, 4.21
CIELCh	74, 4.996, 122.676
Yxy	46.6263, 0.3173, 0.3409
Android (android.graphics.Color)	4290033582 (0xFFB4B7AE)
YUV	181.0770, -3.4890, -0.9445
Hunter-Lab	68.2835, -6.0481, 7.2063

Details

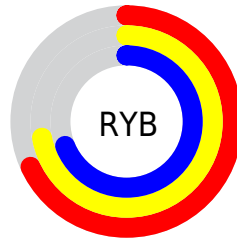
The Yxy color **46.6263, 0.3173, 0.3409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0288, 0.3080, 0.3170**, and the grayscale version is **46.2732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2230, 0.3169, 0.3393**, and **21.8824, 0.3179, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **45.2526, 0.3267, 0.3663**, and if you desaturate by 10%, it is **48.1329, 0.3081, 0.3172**.

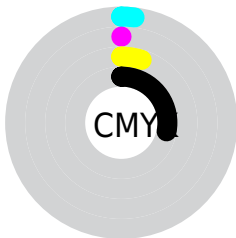
Distribution



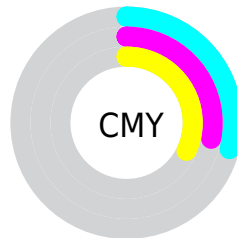
- Red (71%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6263, 0.3173, 0.3409 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 46.6263, 0.3173, 0.3409 by changing the saturation by 10% instead.

■ 46.6263, 0.3173,
0.3409

■ 46.6263, 0.3173,
0.3409

373.3209, 0.3150,
0.3349

■ 32.7403, 0.3179,
0.3424

■ 85.1555, 0.3165,
0.3387

■ 21.9276, 0.3186,
0.3443

110.5676, 0.3162,
0.3379

■ 13.8037, 0.3195,
0.3469

140.5905, 0.3159,
0.3372

■ 7.9843, 0.3209,
0.3506

175.6085, 0.3157,
0.3366

■ 4.0849, 0.3228,
0.3561

216.0062, 0.3155,
0.3361

■ 1.7212, 0.3261,
0.3655

262.1679, 0.3153,

■ 0.4373, 0.3609,

0.3357

0.4512

314.4780, 0.3152,
0.3353

0.0000, 0.0000,
0.0000

46.6263, 0.3173,
0.3409

46.6263, 0.3173,
0.3409

45.2526, 0.3267,
0.3663

48.1329, 0.3081,
0.3172

44.0015, 0.3360,
0.3931

49.7705, 0.2992,
0.2954

42.8704, 0.3448,
0.4206

51.5449, 0.2908,
0.2755

41.8544, 0.3528,
0.4481

53.4599, 0.2829,
0.2576

40.9482, 0.3593,
0.4744

54.8249, 0.2822,
0.2510

■ 40.1461, 0.3640,
0.4984

■ 55.7305, 0.2866,
0.2520

■ 39.4415, 0.3665,
0.5189

■ 56.6699, 0.2911,
0.2530

■ 38.8270, 0.3664,
0.5349

■ 57.6436, 0.2957,
0.2540

■ 38.2937, 0.3640,
0.5460

■ 58.6519, 0.3002,
0.2550

Harmonies

Analogous

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



46.6263, 0.3232, 0.3406



46.6263, 0.3173, 0.3409



46.6263, 0.3103, 0.3379

Triad

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



46.6263, 0.3173, 0.3409



46.6263, 0.2994, 0.3206



46.6263, 0.3215, 0.3256

Complementary

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



46.6263, 0.3173, 0.3409



43.0288, 0.3080, 0.3170

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.



46.6263, 0.3151, 0.3204



46.6263, 0.3173, 0.3409



46.6263, 0.3023, 0.3175

Square

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



46.6263, 0.3173, 0.3409



46.6263, 0.3000, 0.3261



46.6263, 0.3081, 0.3174



46.6263, 0.3256, 0.3317

Rectangle

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



46.6263, 0.3173, 0.3409



46.6263, 0.3059, 0.3345



46.6263, 0.3081, 0.3174



46.6263, 0.3196, 0.3237

Sweetspot

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



46.6283, 0.3173, 0.3409



84.5363, 0.3137, 0.3314



44.5042, 0.3205, 0.3328



18.6746, 0.3136, 0.3313



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.



46.6283, 0.3173, 0.3409



83.2099, 0.3184, 0.3438



46.1104, 0.3136, 0.3410



10.4390, 0.3188, 0.3449



26.5792, 0.3630, 0.5500



0.9692, 0.3780, 0.5381

Inverse Universe

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



43.0288, 0.3080, 0.3170



75.2885, 0.3068, 0.3141



43.5517, 0.3118, 0.3172



9.3755, 0.3064, 0.3129



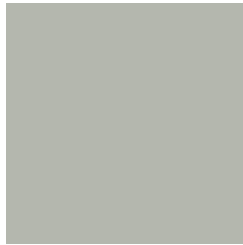
3.0989, 0.1753, 0.0739



0.1439, 0.2061, 0.0909

Previews

White Background



This preview shows how the Yxy color 46.6263, 0.3173, 0.3409 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 46.6263, 0.3173, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

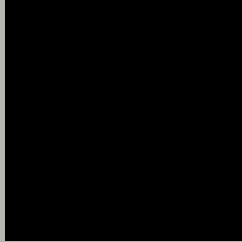
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

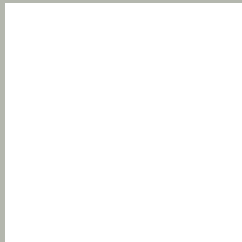
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6263, 0.3173, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 46.6263, 0.3173, 0.3409.



This preview shows how white text looks on a background with the Yxy color 46.6263, 0.3173, 0.3409.

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

46.6263, 0.3173, 0.3409

Protanopia

46.6297, 0.3244, 0.3394

Deuteranopia

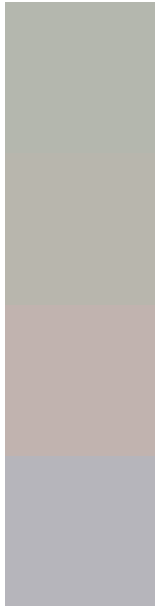
46.5633, 0.3359, 0.3303



Tritanopia

46.6048, 0.3043, 0.3111

Trichromacy



Original Color

46.6263, 0.3173, 0.3409

Protanomaly

46.6634, 0.3216, 0.3408

Deuteranomaly

46.6728, 0.3283, 0.3342

Tritanomaly

46.5807, 0.3088, 0.3212

Monochromacy



Original Color

46.6263, 0.3173, 0.3409

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4940, 0.3150, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6263, 0.3173, 0.3409 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(180, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 183, 174)  
}
```

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(180, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 183, 174) }
```

Border

The CSS property to change the border of an element to Yxy 46.6263, 0.3173, 0.3409 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(180, 183, 174) }
```

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

```
.border{ border-color:rgb(180, 183, 174) }
```

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

Here you see how a box with a 4 pixel rgb(180, 183, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(180, 183,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6263, 0.3173, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 183, 174) }
```

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

```
.background{ background-color: rgb(180,  
183, 174) }
```

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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