

Converting Colors

$Yxy(46.2623, 0.3191, 0.3379)$

Have a look what the booklet for
Yxy(46.2623, 0.3191, 0.3379)
contains.

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Color

Yxy(46.0880, 0.3184, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	B6B5AF
RGB	182, 181, 175
RGB Percent	71%, 71%, 69%
CMY	0.2862, 0.2902, 0.3137
CMYK	0.00, 0.01, 0.04, 0.29
HSL	51°, 5%, 70%
HSV	51°, 4%, 71%
XYZ	43.5572, 46.0880, 47.1550
YIQ	180.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

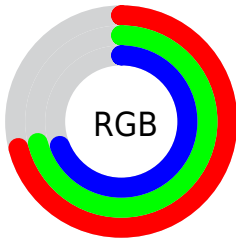
Format	Color
RYB	176, 182, 175
Decimal	11974063
CIELab	73.60, -0.73, 3.17
CIELCh	74, 3.254, 102.972
Yxy	46.0880, 0.3184, 0.3369
Android (android.graphics.Color)	4290164143 (0xFFB6B5AF)
YUV	180.6150, -2.7682, 1.2146
Hunter-Lab	67.8881, -4.2782, 6.3389

Details

The Yxy color **46.0880, 0.3184, 0.3369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5526, 0.3070, 0.3210**, and the grayscale version is **46.0066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4587, 0.3177, 0.3362**, and **21.5355, 0.3194, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **44.3492, 0.3338, 0.3580**, and if you desaturate by 10%, it is **47.9480, 0.3040, 0.3168**.

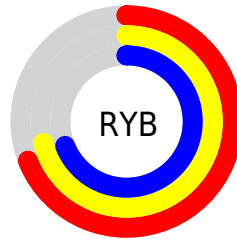
Distribution



Red (71%)

Green (71%)

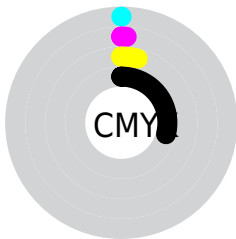
Blue (69%)



Red (69%)

Yellow (71%)

Blue (69%)

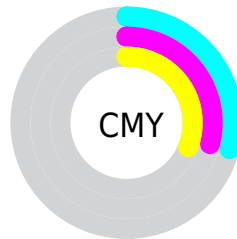


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0880, 0.3184, 0.3369 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 46.0880, 0.3184, 0.3369 by changing the saturation by 10% instead.

■ 46.0880, 0.3184,
0.3369

■ 46.0880, 0.3184,
0.3369

371.1623, 0.3156,
0.3329

■ 32.3153, 0.3191,
0.3379

■ 84.3507, 0.3174,
0.3355

■ 21.6024, 0.3200,
0.3392

109.6094, 0.3170,
0.3349

■ 13.5651, 0.3212,
0.3409

139.4656, 0.3167,
0.3345

■ 7.8188, 0.3230,
0.3433

174.3037, 0.3164,
0.3341

■ 3.9792, 0.3255,
0.3469

214.5080, 0.3161,
0.3337

■ 1.6619, 0.3298,
0.3530

260.4629, 0.3159,

■ 0.3988, 0.3714,

0.3334

0.4100

312.5529, 0.3157,
0.3332

0.0000, 0.0000,
0.0000

46.0880, 0.3184,
0.3369

46.0880, 0.3184,
0.3369

44.3492, 0.3338,
0.3580

47.9480, 0.3040,
0.3168

42.7215, 0.3500,
0.3796

49.9268, 0.2907,
0.2979

41.2028, 0.3666,
0.4011

52.0301, 0.2786,
0.2803

39.7887, 0.3832,
0.4218

54.2612, 0.2676,
0.2641

38.4741, 0.3991,
0.4408

55.8937, 0.2638,
0.2600

■ 37.2538, 0.4138,
0.4570

■ 57.0928, 0.2641,
0.2631

■ 36.1218, 0.4265,
0.4696

■ 58.3133, 0.2644,
0.2662

■ 35.0711, 0.4366,
0.4779

■ 59.5553, 0.2648,
0.2693

■ 34.0936, 0.4440,
0.4818

■ 60.8189, 0.2651,
0.2725

Harmonies

Analogous

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



46.0880, 0.3211, 0.3354



46.0880, 0.3184, 0.3369



46.0880, 0.3142, 0.3363

Triad

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



46.0880, 0.3184, 0.3369



46.0880, 0.3040, 0.3258



46.0880, 0.3158, 0.3244

Complementary

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



46.0880, 0.3184, 0.3369



43.5526, 0.3070, 0.3210

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.



46.0880, 0.3112, 0.3219



46.0880, 0.3184, 0.3369



46.0880, 0.3044, 0.3226

Square

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



46.0880, 0.3184, 0.3369



46.0880, 0.3059, 0.3299



46.0880, 0.3070, 0.3212



46.0880, 0.3196, 0.3281

Rectangle

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



46.0880, 0.3184, 0.3369



46.0880, 0.3111, 0.3348



46.0880, 0.3070, 0.3212



46.0880, 0.3143, 0.3234

Sweetspot

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



46.0900, 0.3184, 0.3369



84.4700, 0.3142, 0.3311



43.7434, 0.3181, 0.3276



18.6607, 0.3141, 0.3310



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.



46.0900, 0.3184, 0.3369



83.1369, 0.3202, 0.3394



46.2130, 0.3162, 0.3383



10.4227, 0.3210, 0.3405



23.7389, 0.4473, 0.4831



0.8986, 0.4390, 0.4896

Inverse Universe

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



43.5526, 0.3070, 0.3210



77.1313, 0.3051, 0.3183



43.4379, 0.3092, 0.3197



9.5938, 0.3043, 0.3172



2.9886, 0.1537, 0.0733



0.1732, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 46.0880, 0.3184, 0.3369 looks on a white background.

Color Contrast Check

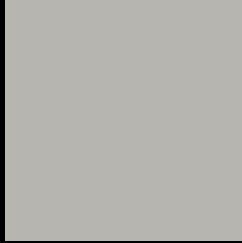
Large Text (above 18pt) WCAG AA × Fail

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 46.0880, 0.3184, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

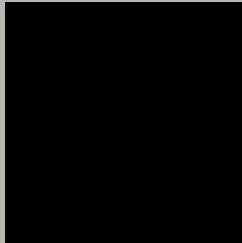
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

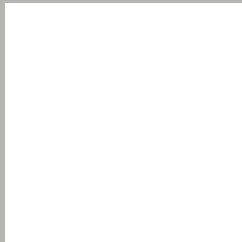
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0880, 0.3184, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 46.0880, 0.3184, 0.3369.



This preview shows how white text looks on a background with the Yxy color 46.0880, 0.3184, 0.3369.

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

46.0880, 0.3184, 0.3369

Protanopia

46.0128, 0.3219, 0.3369

Deuteranopia

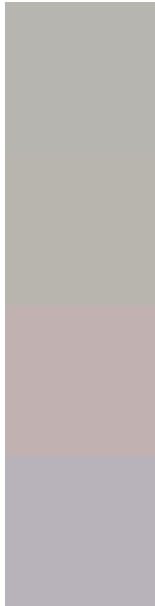
46.0739, 0.3343, 0.3278



Tritanopia

45.9608, 0.3076, 0.3111

Trichromacy



Original Color

46.0880, 0.3184, 0.3369

Protanomaly

45.8889, 0.3210, 0.3369

Deuteranomaly

45.9163, 0.3277, 0.3303

Tritanomaly

45.9757, 0.3114, 0.3200

Monochromacy



Original Color

46.0880, 0.3184, 0.3369

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1262, 0.3143, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0880, 0.3184, 0.3369 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(182, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 175)  
}
```

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(182, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 175) }
```

Border

The CSS property to change the border of an element to Yxy 46.0880, 0.3184, 0.3369 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(182, 181, 175) }
```

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

```
.border{ border-color:rgb(182, 181, 175) }
```

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

Here you see how a box with a 4 pixel rgb(182, 181, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0880, 0.3184, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 175) }
```

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

```
.background{ background-color: rgb(182,  
181, 175) }
```

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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