

Converting Colors

Yxy(46.2968, 0.3190, 0.3409)

Have a look what the booklet for
Yxy(46.2968, 0.3190, 0.3409)
contains.

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Color

Yxy(46.2968, 0.3190, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	B5B6AD
RGB	181, 182, 173
RGB Percent	71%, 71%, 68%
CMY	0.2903, 0.2862, 0.3216
CMYK	0.01, 0.00, 0.05, 0.29
HSL	67°, 6%, 70%
HSV	67°, 5%, 71%
XYZ	43.3226, 46.2968, 46.1882
YIQ	180.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

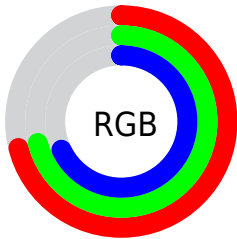
Format	Color
RYB	173, 182, 174
Decimal	11908781
CIELab	73.74, -2.01, 4.45
CIELCh	74, 4.877, 114.289
Yxy	46.2968, 0.3190, 0.3409
Android (android.graphics.Color)	4290098861 (0xFFB5B6AD)
YUV	180.6750, -3.7838, 0.2850
Hunter-Lab	68.0418, -5.4210, 7.3819

Details

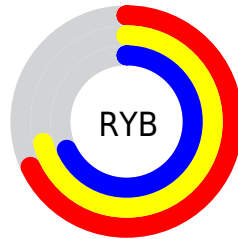
The Yxy color **46.2968, 0.3190, 0.3409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2685, 0.3063, 0.3169**, and the grayscale version is **46.0430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7550, 0.3182, 0.3393**, and **21.6702, 0.3203, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **45.3906, 0.3319, 0.3658**, and if you desaturate by 10%, it is **47.3068, 0.3064, 0.3172**.

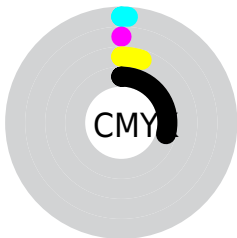
Distribution



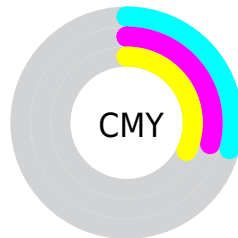
- Red (71%)
- Green (71%)
- Blue (68%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2968, 0.3190, 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 46.2968, 0.3190, 0.3409 by changing the saturation by 10% instead.

■ 46.2968, 0.3190,
0.3409

■ 46.2968, 0.3190,
0.3409

372.0006, 0.3159,
0.3349

■ 32.4801, 0.3198,
0.3424

■ 84.6630, 0.3179,
0.3387

■ 21.7285, 0.3208,
0.3443

109.9813, 0.3174,
0.3379

■ 13.6575, 0.3221,
0.3469

139.9023, 0.3171,
0.3372

■ 7.8829, 0.3240,
0.3506

174.8102, 0.3168,
0.3366

■ 4.0201, 0.3268,
0.3561

215.0897, 0.3165,
0.3361

■ 1.6848, 0.3313,
0.3655

261.1250, 0.3163,

■ 0.4138, 0.3835,

0.3357

0.4609

313.3005, 0.3161,
0.3353

0.0000, 0.0000,
0.0000

46.2968, 0.3190,
0.3409

46.2968, 0.3190,
0.3409

45.3906, 0.3319,
0.3658

47.3068, 0.3064,
0.3172

44.5784, 0.3450,
0.3913

48.4182, 0.2945,
0.2950

43.8579, 0.3576,
0.4167

49.6365, 0.2833,
0.2744

43.2248, 0.3694,
0.4413

50.9650, 0.2729,
0.2556

42.6742, 0.3798,
0.4639

51.8130, 0.2687,
0.2469

■ 42.2007, 0.3883,
0.4836

■ 52.0869, 0.2701,
0.2473

■ 41.7986, 0.3945,
0.4995

■ 52.3646, 0.2716,
0.2476

■ 41.4607, 0.3981,
0.5111

■ 52.6462, 0.2731,
0.2479

■ 41.1788, 0.3992,
0.5184

■ 52.9318, 0.2746,
0.2483

Harmonies

Analogous

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



46.2968, 0.3241, 0.3397



46.2968, 0.3190, 0.3409



46.2968, 0.3122, 0.3388

Triad

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



46.2968, 0.3190, 0.3409



46.2968, 0.2995, 0.3221



46.2968, 0.3198, 0.3241

Complementary

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



46.2968, 0.3190, 0.3409



42.2685, 0.3063, 0.3169

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.



46.2968, 0.3131, 0.3195



46.2968, 0.3190, 0.3409



46.2968, 0.3014, 0.3183

Square

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



46.2968, 0.3190, 0.3409



46.2968, 0.3010, 0.3279



46.2968, 0.3064, 0.3174



46.2968, 0.3246, 0.3300

Rectangle

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



46.2968, 0.3190, 0.3409



46.2968, 0.3077, 0.3359



46.2968, 0.3064, 0.3174



46.2968, 0.3177, 0.3223

Sweetspot

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



46.2988, 0.3190, 0.3409



84.6241, 0.3140, 0.3314



43.1982, 0.3207, 0.3302



18.6930, 0.3139, 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.



46.2988, 0.3190, 0.3409



83.7288, 0.3205, 0.3437



45.7787, 0.3152, 0.3410



10.5088, 0.3210, 0.3448



29.0023, 0.3995, 0.5210



1.0374, 0.4050, 0.5167

Inverse Universe

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



42.2685, 0.3063, 0.3169



74.7926, 0.3047, 0.3140



42.7789, 0.3101, 0.3170



9.3090, 0.3041, 0.3128



2.5124, 0.1547, 0.0626



0.1049, 0.1711, 0.0716

Previews

White Background



This preview shows how the Yxy color 46.2968, 0.3190, 0.3409 looks on a white background.

Color Contrast Check

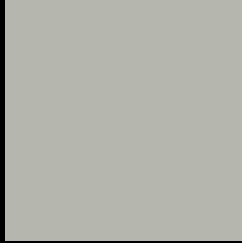
Large Text (above 18pt) WCAG AA × Fail

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 46.2968, 0.3190, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

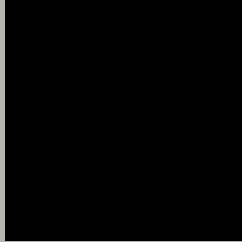
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

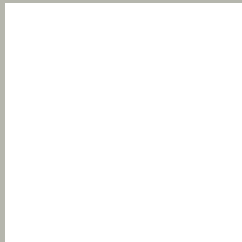
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2968, 0.3190, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 46.2968, 0.3190, 0.3409.



This preview shows how white text looks on a background with the Yxy color 46.2968, 0.3190, 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

46.2968, 0.3190, 0.3409

Protanopia

46.0602, 0.3244, 0.3395

Deuteranopia

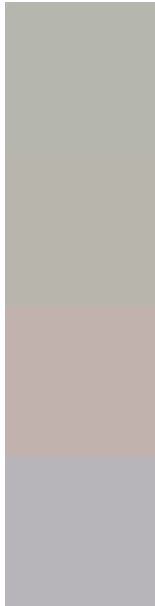
46.1334, 0.3369, 0.3303



Tritanopia

46.2808, 0.3059, 0.3111

Trichromacy



Original Color

46.2968, 0.3190, 0.3409

Protanomaly

46.2167, 0.3225, 0.3408

Deuteranomaly

46.3661, 0.3301, 0.3342

Tritanomaly

46.2550, 0.3105, 0.3212

Monochromacy



Original Color

46.2968, 0.3190, 0.3409

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.0859, 0.3151, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2968, 0.3190, 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(181, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 173)  
}
```

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(181, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 173) }
```

Border

The CSS property to change the border of an element to Yxy 46.2968, 0.3190, 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(181, 182, 173) }
```

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

```
.border{ border-color:rgb(181, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2968, 0.3190, 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(181, 182, 173) }
```

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

```
.background{ background-color: rgb(181,  
182, 173) }
```

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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