

Converting Colors

Yxy(46.5249, 0.3183, 0.3249)

Have a look what the booklet for
Yxy(46.5249, 0.3183, 0.3249)
contains.

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Color

Yxy(46.4364, 0.3190, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	BDB3B6
RGB	189, 179, 182
RGB Percent	74%, 70%, 71%
CMY	0.2588, 0.2980, 0.2864
CMYK	0.00, 0.05, 0.04, 0.26
HSL	342°, 7%, 72%
HSV	342°, 5%, 74%
XYZ	45.5511, 46.4364, 50.8059
YIQ	182.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

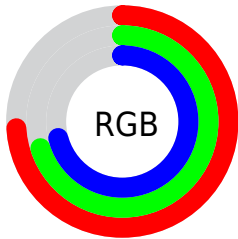
Format	Color
RYB	189, 179, 182
Decimal	12432310
CIELab	73.83, 4.09, -0.25
CIELCh	74, 4.101, 356.515
Yxy	46.4364, 0.3190, 0.3252
Android (android.graphics.Color)	4290622390 (0xFFBDB3B6)
YUV	182.3320, -0.1637, 5.8478
Hunter-Lab	68.1443, 0.0660, 3.4965

Details

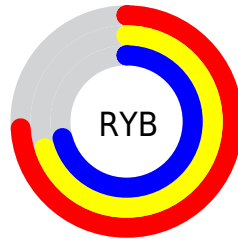
The Yxy color **46.4364, 0.3190, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5338, 0.3068, 0.3328**, and the grayscale version is **46.9698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0022, 0.3176, 0.3260**, and **21.7409, 0.3213, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **38.8504, 0.3329, 0.3177**, and if you desaturate by 10%, it is **55.1171, 0.3077, 0.3322**.

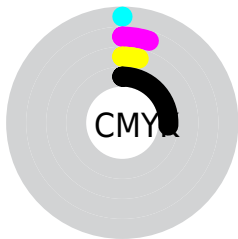
Distribution



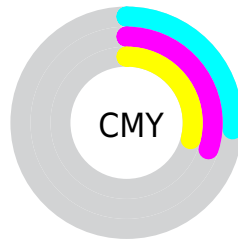
- Red (74%)
- Green (70%)
- Blue (71%)



- Red (74%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4364, 0.3190, 0.3252 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 46.4364, 0.3190, 0.3252 by changing the saturation by 10% instead.

■ 46.4364, 0.3190,
0.3252

■ 46.4364, 0.3190,
0.3252

372.5604, 0.3159,
0.3271

■ 32.5903, 0.3198,
0.3247

■ 84.8717, 0.3179,
0.3259

■ 21.8128, 0.3208,
0.3241

110.2298, 0.3174,
0.3262

■ 13.7194, 0.3221,
0.3233

140.1940, 0.3171,
0.3264

■ 7.9258, 0.3240,
0.3221

175.1486, 0.3168,
0.3266

■ 4.0475, 0.3269,
0.3204

215.4782, 0.3165,
0.3267

■ 1.7002, 0.3316,
0.3176

261.5671, 0.3163,

■ 0.4238, 0.3577,

0.3269

0.3015

313.7997, 0.3160,
0.3270

0.0000, 0.0000,
0.0000

46.4364, 0.3190,
0.3252

46.4364, 0.3190,
0.3252

38.8504, 0.3329,
0.3177

55.1171, 0.3077,
0.3322

32.3096, 0.3499,
0.3097

64.9274, 0.2984,
0.3387

26.7698, 0.3706,
0.3017

75.9083, 0.2909,
0.3447

22.1810, 0.3955,
0.2940

88.0965, 0.2847,
0.3501

18.4892, 0.4248,
0.2874

89.1433, 0.2780,
0.3359

■ 15.6346, 0.4581,
0.2828

■ 89.5611, 0.2747,
0.3289

■ 13.5504, 0.4942,
0.2814

■ 12.1593, 0.5304,
0.2842

■ 11.3664, 0.5634,
0.2915

Harmonies

Analogous

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



46.4364, 0.3135, 0.3212



46.4364, 0.3190, 0.3252



46.4364, 0.3229, 0.3302

Triad

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



46.4364, 0.3190, 0.3252



46.4364, 0.3176, 0.3389



46.4364, 0.3016, 0.3229

Complementary

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



46.4364, 0.3190, 0.3252



49.5338, 0.3068, 0.3328

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.



46.4364, 0.3027, 0.3277



46.4364, 0.3190, 0.3252



46.4364, 0.3119, 0.3370

Square

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



46.4364, 0.3190, 0.3252



46.4364, 0.3220, 0.3382



46.4364, 0.3064, 0.3329



46.4364, 0.3035, 0.3199

Rectangle

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



46.4364, 0.3190, 0.3252



46.4364, 0.3239, 0.3335



46.4364, 0.3064, 0.3329



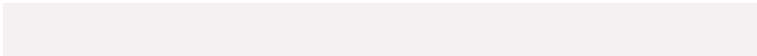
46.4364, 0.3016, 0.3244

Sweetspot

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



46.4384, 0.3190, 0.3252



88.0125, 0.3150, 0.3276



46.3564, 0.3107, 0.3162



18.9609, 0.3149, 0.3276



95.5105, 0.3127, 0.3290



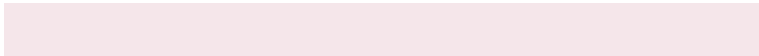
19.5994, 0.3127, 0.3290

Same Dimension

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



46.4384, 0.3190, 0.3252



82.0005, 0.3200, 0.3246



47.1256, 0.3212, 0.3316



10.0692, 0.3206, 0.3243



7.4844, 0.5743, 0.2938



0.3051, 0.5040, 0.2550

Inverse Universe

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



46.4384, 0.3190, 0.3252



82.0005, 0.3200, 0.3246



48.8057, 0.3046, 0.3264



10.0692, 0.3206, 0.3243



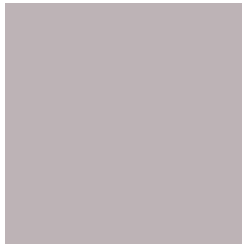
7.4844, 0.5743, 0.2938



0.3051, 0.5040, 0.2550

Previews

White Background



This preview shows how the Yxy color 46.4364, 0.3190, 0.3252 looks on a white background.

Color Contrast Check

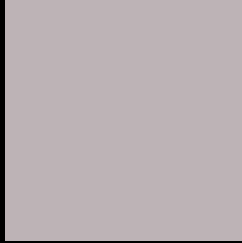
Large Text (above 18pt) WCAG AA × Fail

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 46.4364, 0.3190, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

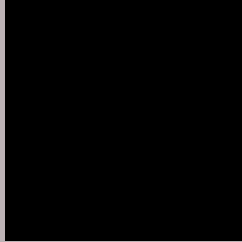
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

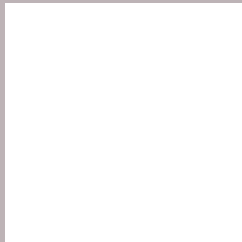
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4364, 0.3190, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 46.4364, 0.3190, 0.3252.



This preview shows how white text looks on a background with the Yxy color 46.4364, 0.3190, 0.3252.

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

46.4364, 0.3190, 0.3252

Protanopia

46.6570, 0.3137, 0.3264

Deuteranopia

46.4753, 0.3264, 0.3203



Tritanopia

46.5495, 0.3126, 0.3126

Trichromacy



Original Color

46.4364, 0.3190, 0.3252

Protanomaly

46.5005, 0.3155, 0.3251

Deuteranomaly

46.4653, 0.3236, 0.3215

Tritanomaly

46.4188, 0.3150, 0.3163

Monochromacy



Original Color

46.4364, 0.3190, 0.3252

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7394, 0.3153, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4364, 0.3190, 0.3252 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(189, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 182)  
}
```

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(189, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 182) }
```

Border

The CSS property to change the border of an element to Yxy 46.4364, 0.3190, 0.3252 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(189, 179, 182) }
```

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

```
.border{ border-color:rgb(189, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4364, 0.3190, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 182) }
```

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

```
.background{ background-color: rgb(189,  
179, 182) }
```

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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