

Converting Colors

$Yxy(46.3557, 0.3178, 0.3375)$

Have a look what the booklet for
Yxy(46.3557, 0.3178, 0.3375)
contains.

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Color

Yxy(46.4961, 0.3183, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6AF
RGB	182, 182, 175
RGB Percent	71%, 71%, 69%
CMY	0.2862, 0.2863, 0.3137
CMYK	0.00, 0.00, 0.04, 0.29
HSL	60°, 5%, 70%
HSV	60°, 4%, 71%
XYZ	43.7602, 46.4961, 47.2247
YIQ	181.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

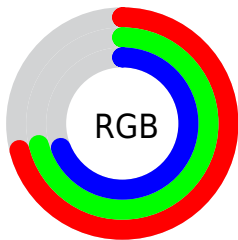
Format	Color
RYB	175, 182, 175
Decimal	11974319
CIELab	73.87, -1.27, 3.55
CIElCh	74, 3.771, 109.665
Yxy	46.4961, 0.3183, 0.3382
Android (android.graphics.Color)	4290164399 (0xFFB6B6AF)
YUV	181.2020, -3.0576, 0.6998
Hunter-Lab	68.1880, -4.7753, 6.6694

Details

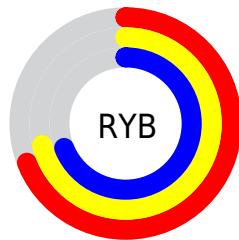
The Yxy color **46.4961, 0.3183, 0.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1596, 0.3070, 0.3196**, and the grayscale version is **46.3416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0394, 0.3177, 0.3372**, and **21.7977, 0.3193, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **45.8093, 0.3331, 0.3626**, and if you desaturate by 10%, it is **47.2834, 0.3040, 0.3147**.

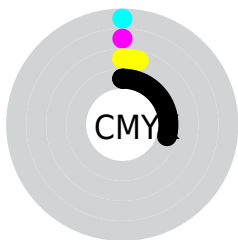
Distribution



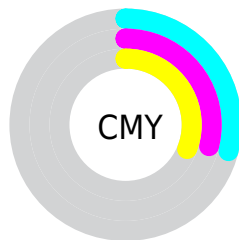
- Red (71%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4961, 0.3183, 0.3382 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 46.4961, 0.3183, 0.3382 by changing the saturation by 10% instead.

■ 46.4961, 0.3183,
0.3382

■ 46.4961, 0.3183,
0.3382

372.7996, 0.3155,
0.3336

■ 32.6375, 0.3190,
0.3394

■ 84.9610, 0.3173,
0.3365

■ 21.8489, 0.3199,
0.3408

110.3360, 0.3169,
0.3359

■ 13.7459, 0.3211,
0.3428

140.3186, 0.3166,
0.3354

■ 7.9441, 0.3227,
0.3456

175.2933, 0.3163,
0.3349

■ 4.0592, 0.3252,
0.3499

215.6443, 0.3161,
0.3345

■ 1.7068, 0.3294,
0.3570

261.7561, 0.3159,

■ 0.4280, 0.3679,

0.3342

0.4190

314.0130, 0.3157,
0.3339

0.0000, 0.0000,
0.0000

46.4961, 0.3183,
0.3382

46.4961, 0.3183,
0.3382

45.8093, 0.3331,
0.3626

47.2834, 0.3040,
0.3147

45.2130, 0.3482,
0.3874

48.1687, 0.2906,
0.2925

44.7053, 0.3630,
0.4118

49.1574, 0.2780,
0.2718

44.2816, 0.3770,
0.4349

50.2529, 0.2665,
0.2528

43.9373, 0.3898,
0.4558

50.7288, 0.2622,
0.2458

■ 43.6672, 0.4006,
0.4736

■ 50.7499, 0.2622,
0.2458

■ 43.4652, 0.4091,
0.4875

■ 50.7711, 0.2623,
0.2459

■ 43.3248, 0.4151,
0.4972

■ 50.7923, 0.2623,
0.2460

■ 43.2377, 0.4185,
0.5028

■ 50.8135, 0.2623,
0.2460

Harmonies

Analogous

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



46.4961, 0.3219, 0.3369



46.4961, 0.3183, 0.3382



46.4961, 0.3132, 0.3370

Triad

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



46.4961, 0.3183, 0.3382



46.4961, 0.3025, 0.3243



46.4961, 0.3174, 0.3245

Complementary

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



46.4961, 0.3183, 0.3382



43.1596, 0.3070, 0.3196

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.



46.4961, 0.3122, 0.3212



46.4961, 0.3183, 0.3382



46.4961, 0.3036, 0.3211

Square

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



46.4961, 0.3183, 0.3382



46.4961, 0.3041, 0.3289



46.4961, 0.3071, 0.3200



46.4961, 0.3214, 0.3290

Rectangle

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



46.4961, 0.3183, 0.3382



46.4961, 0.3097, 0.3349



46.4961, 0.3071, 0.3200



46.4961, 0.3157, 0.3233

Sweetspot

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



46.4981, 0.3183, 0.3382



84.6671, 0.3142, 0.3314



43.7069, 0.3188, 0.3289



18.7020, 0.3141, 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.



46.4981, 0.3183, 0.3382



84.1184, 0.3201, 0.3412



46.0981, 0.3154, 0.3383



10.5586, 0.3209, 0.3424



30.5021, 0.4198, 0.5049



1.0767, 0.4197, 0.5050

Inverse Universe

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



43.1596, 0.3070, 0.3196



76.2047, 0.3052, 0.3165



43.5494, 0.3100, 0.3197



9.4663, 0.3044, 0.3152



2.3947, 0.1501, 0.0602



0.0858, 0.1503, 0.0611

Previews

White Background



This preview shows how the Yxy color 46.4961, 0.3183, 0.3382 looks on a white background.

Color Contrast Check

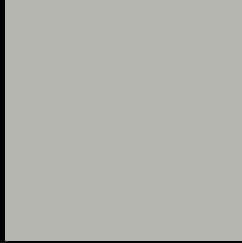
Large Text (above 18pt) WCAG AA × Fail

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 46.4961, 0.3183, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

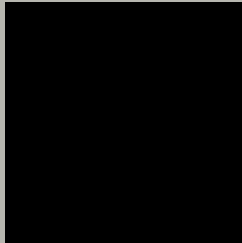
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

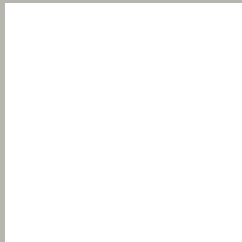
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4961, 0.3183, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 46.4961, 0.3183, 0.3382.



This preview shows how white text looks on a background with the Yxy color 46.4961, 0.3183, 0.3382.

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

46.4961, 0.3183, 0.3382

Protanopia

46.5428, 0.3227, 0.3381

Deuteranopia

46.2120, 0.3352, 0.3278



Tritanopia

46.4047, 0.3067, 0.3111

Trichromacy



Original Color

46.4961, 0.3183, 0.3382

Protanomaly

46.4180, 0.3218, 0.3382

Deuteranomaly

46.4447, 0.3285, 0.3316

Tritanomaly

46.3780, 0.3114, 0.3213

Monochromacy



Original Color

46.4961, 0.3183, 0.3382

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 46.4961, 0.3183, 0.3382 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, 182, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 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, 182, 175) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 46.4961, 0.3183, 0.3382 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, 182, 175) }
```

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

```
.border{ border-color:rgb(182, 182, 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, 182, 175) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 46.4961, 0.3183, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(182,  
182, 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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