

Converting Colors

$Yxy(46.4032, 0.3161, 0.3390)$

Have a look what the booklet for
Yxy(46.4032, 0.3161, 0.3390)
contains.

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Color

Yxy(46.5458, 0.3156, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	B3B7AF
RGB	179, 183, 175
RGB Percent	70%, 72%, 69%
CMY	0.2981, 0.2823, 0.3137
CMYK	0.02, 0.00, 0.04, 0.28
HSL	90°, 5%, 70%
HSV	90°, 4%, 72%
XYZ	43.2563, 46.5458, 47.2585
YIQ	180.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

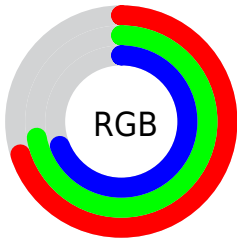
Format	Color
RYB	175, 183, 179
Decimal	11777967
CIELab	73.90, -2.89, 3.57
CIELCh	74, 4.596, 129.035
Yxy	46.5458, 0.3156, 0.3396
Android (android.graphics.Color)	4289968047 (0xFFB3B7AF)
YUV	180.8920, -2.9048, -1.6593
Hunter-Lab	68.2245, -6.2186, 6.6875

Details

The Yxy color **46.5458, 0.3156, 0.3396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6654, 0.3097, 0.3184**, and the grayscale version is **46.1617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1083, 0.3156, 0.3382**, and **21.8309, 0.3156, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **44.8145, 0.3222, 0.3653**, and if you desaturate by 10%, it is **48.4521, 0.3091, 0.3160**.

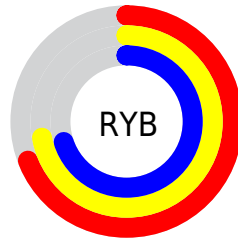
Distribution



Red (70%)

Green (72%)

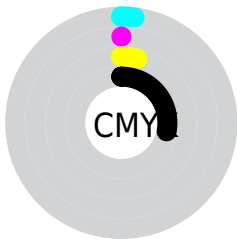
Blue (69%)



Red (69%)

Yellow (72%)

Blue (70%)

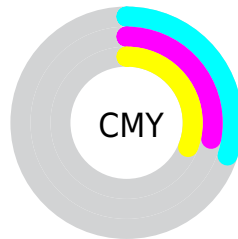


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5458, 0.3156, 0.3396 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 46.5458, 0.3156, 0.3396 by changing the saturation by 10% instead.

■ 46.5458, 0.3156,
0.3396

■ 46.5458, 0.3156,
0.3396

372.9986, 0.3142,
0.3343

■ 32.6767, 0.3160,
0.3409

■ 85.0352, 0.3151,
0.3377

■ 21.8789, 0.3164,
0.3427

110.4244, 0.3149,
0.3369

■ 13.7680, 0.3170,
0.3450

140.4224, 0.3147,
0.3363

■ 7.9595, 0.3178,
0.3483

175.4136, 0.3146,
0.3358

■ 4.0690, 0.3190,
0.3532

215.7825, 0.3145,
0.3353

■ 1.7122, 0.3210,
0.3616

261.9133, 0.3144,

■ 0.4316, 0.3425,

0.3349

0.4353

314.1906, 0.3143,
0.3346

0.0000, 0.0000,
0.0000

46.5458, 0.3156,
0.3396

46.5458, 0.3156,
0.3396

44.8145, 0.3222,
0.3653

48.4521, 0.3091,
0.3160

43.2469, 0.3286,
0.3930

50.5324, 0.3027,
0.2947

41.8392, 0.3345,
0.4221

52.7935, 0.2966,
0.2755

40.5856, 0.3395,
0.4518

55.2402, 0.2909,
0.2584

39.4797, 0.3432,
0.4811

57.1137, 0.2932,
0.2535

■ 38.5144, 0.3453,
0.5084

■ 58.6370, 0.3002,
0.2550

■ 37.6820, 0.3453,
0.5323

■ 60.2416, 0.3072,
0.2566

■ 36.9740, 0.3431,
0.5516

■ 61.9287, 0.3143,
0.2581

■ 36.3801, 0.3389,
0.5653

■ 62.3524, 0.3160,
0.2585

Harmonies

Analogous

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



46.5458, 0.3214, 0.3400



46.5458, 0.3156, 0.3396



46.5458, 0.3091, 0.3363

Triad

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



46.5458, 0.3156, 0.3396



46.5458, 0.3008, 0.3205



46.5458, 0.3219, 0.3270

Complementary

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



46.5458, 0.3156, 0.3396



43.6654, 0.3097, 0.3184

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.



46.5458, 0.3163, 0.3219



46.5458, 0.3156, 0.3396



46.5458, 0.3041, 0.3182

Square

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



46.5458, 0.3156, 0.3396



46.5458, 0.3006, 0.3252



46.5458, 0.3098, 0.3187



46.5458, 0.3250, 0.3327

Rectangle

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



46.5458, 0.3156, 0.3396



46.5458, 0.3053, 0.3329



46.5458, 0.3098, 0.3187



46.5458, 0.3202, 0.3252

Sweetspot

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



46.5478, 0.3156, 0.3396



84.4658, 0.3134, 0.3314



45.4057, 0.3194, 0.3343



18.6598, 0.3133, 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.



46.5478, 0.3156, 0.3396



83.1255, 0.3161, 0.3413



46.0807, 0.3122, 0.3397



10.4213, 0.3164, 0.3426



25.2108, 0.3370, 0.5706



0.9256, 0.3572, 0.5546

Inverse Universe

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



43.6654, 0.3097, 0.3184



77.1654, 0.3092, 0.3167



44.1463, 0.3132, 0.3185



9.5987, 0.3089, 0.3154



4.0211, 0.2044, 0.0899



0.1785, 0.2331, 0.1058

Previews

White Background



This preview shows how the Yxy color 46.5458, 0.3156, 0.3396 looks on a white background.

Color Contrast Check

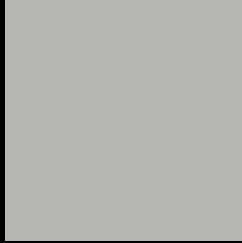
Large Text (above 18pt) WCAG AA × Fail

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 46.5458, 0.3156, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

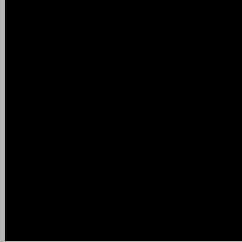
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

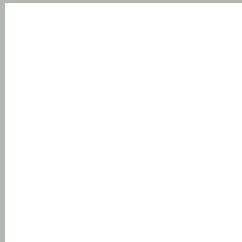
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5458, 0.3156, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 46.5458, 0.3156, 0.3396.



This preview shows how white text looks on a background with the Yxy color 46.5458, 0.3156, 0.3396.

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

46.5458, 0.3156, 0.3396

Protanopia

46.6685, 0.3235, 0.3381

Deuteranopia

46.6028, 0.3350, 0.3291



Tritanopia

46.4826, 0.3034, 0.3110

Trichromacy



Original Color

46.5458, 0.3156, 0.3396

Protanomaly

46.7022, 0.3208, 0.3395

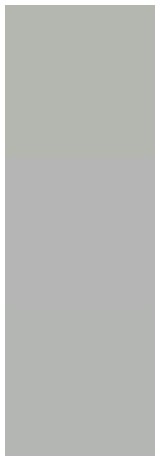
Deuteranomaly

46.7122, 0.3274, 0.3329

Tritanomaly

46.4594, 0.3080, 0.3212

Monochromacy



Original Color

46.5458, 0.3156, 0.3396

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4139, 0.3134, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5458, 0.3156, 0.3396 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(179, 183, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 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(179, 183, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 175) }
```

Border

The CSS property to change the border of an element to Yxy 46.5458, 0.3156, 0.3396 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(179, 183, 175) }
```

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

```
.border{ border-color:rgb(179, 183, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 183, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5458, 0.3156, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 183, 175) }
```

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

```
.background{ background-color: rgb(179,  
183, 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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