

Converting Colors

$Y_{xy}(47.4129, 0.3154, 0.3344)$

Have a look what the booklet for
Yxy(47.4129, 0.3154, 0.3344)
contains.

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Color

Yxy(47.6029, 0.3158, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8B3
RGB	183, 184, 179
RGB Percent	72%, 72%, 70%
CMY	0.2823, 0.2784, 0.2980
CMYK	0.01, 0.00, 0.03, 0.28
HSL	72°, 3%, 71%
HSV	72°, 3%, 72%
XYZ	44.8077, 47.6029, 49.4758
YIQ	183.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

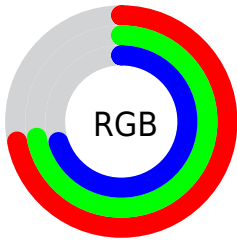
Format	Color
RYB	179, 184, 180
Decimal	12040371
CIELab	74.57, -1.26, 2.40
CIELCh	75, 2.714, 117.714
Yxy	47.6029, 0.3158, 0.3355
Android (android.graphics.Color)	4290230451 (0xFFB7B8B3)
YUV	183.1310, -2.0366, -0.1149
Hunter-Lab	68.9949, -4.8167, 5.7799

Details

The Yxy color **47.6029, 0.3158, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4049, 0.3096, 0.3224**, and the grayscale version is **47.4424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6691, 0.3151, 0.3341**, and **22.4848, 0.3169, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **46.4686, 0.3273, 0.3603**, and if you desaturate by 10%, it is **48.8522, 0.3046, 0.3121**.

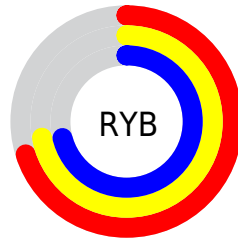
Distribution



Red (72%)

Green (72%)

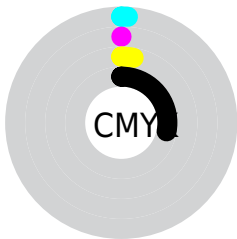
Blue (70%)



Red (70%)

Yellow (72%)

Blue (71%)

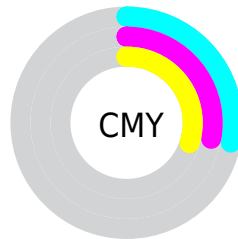


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6029, 0.3158, 0.3355 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 47.6029, 0.3158, 0.3355 by changing the saturation by 10% instead.

■ 47.6029, 0.3158,
0.3355

■ 47.6029, 0.3158,
0.3355

377.2160, 0.3143,
0.3323

■ 33.5125, 0.3162,
0.3363

■ 86.6129, 0.3152,
0.3343

■ 22.5194, 0.3167,
0.3373

112.3012, 0.3150,
0.3339

■ 14.2390, 0.3173,
0.3387

142.6244, 0.3149,
0.3335

■ 8.2871, 0.3182,
0.3407

177.9668, 0.3147,
0.3332

■ 4.2792, 0.3195,
0.3436

218.7127, 0.3146,
0.3329

■ 1.8309, 0.3217,
0.3484

265.2466, 0.3145,

■ 0.5063, 0.3361,

0.3327

0.3778

317.9529, 0.3144,
0.3325

0.0000, 0.0000,
0.0000

47.6029, 0.3158,
0.3355

47.6029, 0.3158,
0.3355

46.4686, 0.3273,
0.3603

48.8522, 0.3046,
0.3121

45.4392, 0.3390,
0.3862

50.2141, 0.2940,
0.2905

44.5124, 0.3503,
0.4125

51.6943, 0.2840,
0.2706

43.6837, 0.3608,
0.4384

53.2962, 0.2747,
0.2525

42.9483, 0.3701,
0.4629

53.9489, 0.2758,
0.2507

■ 42.3005, 0.3776,
0.4849

■ 54.4602, 0.2784,
0.2513

■ 41.7345, 0.3828,
0.5035

■ 54.9836, 0.2810,
0.2519

■ 41.2433, 0.3855,
0.5179

■ 55.5191, 0.2836,
0.2524

■ 40.8187, 0.3857,
0.5277

■ 56.0668, 0.2863,
0.2530

Harmonies

Analogous

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



47.6029, 0.3187, 0.3351



47.6029, 0.3158, 0.3355



47.6029, 0.3120, 0.3342

Triad

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



47.6029, 0.3158, 0.3355



47.6029, 0.3054, 0.3249



47.6029, 0.3170, 0.3266

Complementary

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



47.6029, 0.3158, 0.3355



45.4049, 0.3096, 0.3224

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.



47.6029, 0.3134, 0.3240



47.6029, 0.3158, 0.3355



47.6029, 0.3067, 0.3230

Square

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



47.6029, 0.3158, 0.3355



47.6029, 0.3061, 0.3280



47.6029, 0.3096, 0.3226



47.6029, 0.3194, 0.3299

Rectangle

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



47.6029, 0.3158, 0.3355



47.6029, 0.3096, 0.3324



47.6029, 0.3096, 0.3226



47.6029, 0.3159, 0.3256

Sweetspot

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



47.6050, 0.3158, 0.3355



86.6659, 0.3139, 0.3314



46.0555, 0.3170, 0.3302



18.6859, 0.3138, 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.



47.6050, 0.3158, 0.3355



86.2240, 0.3162, 0.3363



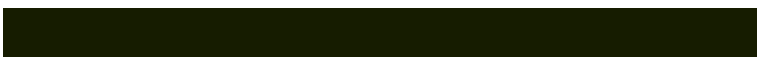
47.3100, 0.3137, 0.3355



10.5543, 0.3170, 0.3380



27.9689, 0.3852, 0.5324



1.0092, 0.3945, 0.5250

Inverse Universe

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



45.4049, 0.3096, 0.3224



81.7546, 0.3092, 0.3216



45.6986, 0.3117, 0.3225



9.8864, 0.3084, 0.3199



2.6730, 0.1605, 0.0658



0.1199, 0.1853, 0.0794

Previews

White Background



This preview shows how the Yxy color 47.6029, 0.3158, 0.3355 looks on a white background.

Color Contrast Check

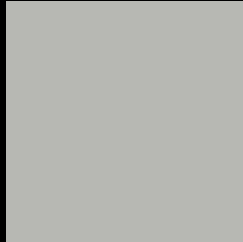
Large Text (above 18pt) WCAG AA × Fail

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 47.6029, 0.3158, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

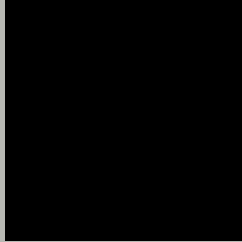
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

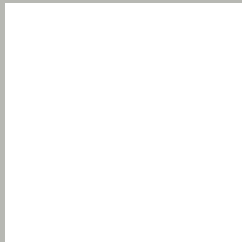
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6029, 0.3158, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 47.6029, 0.3158, 0.3355.



This preview shows how white text looks on a background with the Yxy color 47.6029, 0.3158, 0.3355.

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

47.6029, 0.3158, 0.3355

Protanopia

47.7727, 0.3210, 0.3355

Deuteranopia

47.2961, 0.3324, 0.3253



Tritanopia

47.4724, 0.3052, 0.3100

Trichromacy



Original Color

47.6029, 0.3158, 0.3355

Protanomaly

47.5204, 0.3192, 0.3355

Deuteranomaly

47.5399, 0.3258, 0.3290

Tritanomaly

47.4879, 0.3090, 0.3188

Monochromacy



Original Color

47.6029, 0.3158, 0.3355

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3117, 0.3135, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6029, 0.3158, 0.3355 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(183, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 179)  
}
```

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(183, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 179) }
```

Border

The CSS property to change the border of an element to Yxy 47.6029, 0.3158, 0.3355 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(183, 184, 179) }
```

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

```
.border{ border-color:rgb(183, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6029, 0.3158, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 179) }
```

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

```
.background{ background-color: rgb(183,  
184, 179) }
```

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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