

Converting Colors

Yxy(47.4129, 0.3178, 0.3340)

Have a look what the booklet for
Yxy(47.4129, 0.3178, 0.3340)
contains.

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Color

Yxy(47.4359, 0.3176, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	B9B7B3
RGB	185, 183, 179
RGB Percent	73%, 72%, 70%
CMY	0.2744, 0.2824, 0.2981
CMYK	0.00, 0.01, 0.03, 0.27
HSL	40°, 4%, 71%
HSV	40°, 3%, 73%
XYZ	45.0797, 47.4359, 49.4230
YIQ	183.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

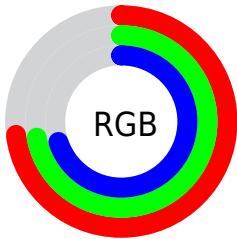
Format	Color
RYB	182, 185, 179
Decimal	12171187
CIELab	74.47, -0.02, 2.27
CIELCh	74, 2.274, 90.485
Yxy	47.4359, 0.3176, 0.3342
Android (android.graphics.Color)	4290361267 (0xFFB9B7B3)
YUV	183.1420, -2.0420, 1.6295
Hunter-Lab	68.8737, -3.6959, 5.6657

Details

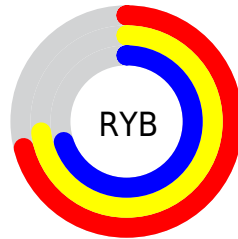
The Yxy color $47.4359, 0.3176, 0.3342$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.1371, 0.3079, 0.3237$, and the grayscale version is $47.4481, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.4319, 0.3165, 0.3330$, and $22.3772, 0.3194, 0.3361$ is the 20% darker color. If you saturate the color by 10%, you get $44.2410, 0.3337, 0.3508$, and if you desaturate by 10%, it is $50.8476, 0.3031, 0.3186$.

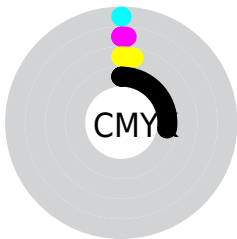
Distribution



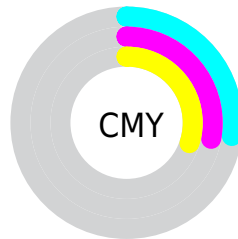
- Red (73%)
- Green (72%)
- Blue (70%)



- Red (71%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4359, 0.3176, 0.3342 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 47.4359, 0.3176, 0.3342 by changing the saturation by 10% instead.

■ 47.4359, 0.3176,
0.3342

■ 47.4359, 0.3176,
0.3342

376.5518, 0.3152,
0.3316

■ 33.3804, 0.3182,
0.3348

■ 86.3639, 0.3167,
0.3333

■ 22.4180, 0.3190,
0.3357

112.0052, 0.3164,
0.3329

■ 14.1644, 0.3200,
0.3368

142.2772, 0.3161,
0.3326

■ 8.2351, 0.3215,
0.3383

177.5643, 0.3159,
0.3324

■ 4.2457, 0.3236,
0.3406

218.2510, 0.3157,
0.3321

■ 1.8120, 0.3272,
0.3444

264.7215, 0.3155,

■ 0.4946, 0.3495,

0.3319

0.3681

317.3603, 0.3153,
0.3318

0.0000, 0.0000,
0.0000

47.4359, 0.3176,
0.3342

47.4359, 0.3176,
0.3342

44.2410, 0.3337,
0.3508

50.8476, 0.3031,
0.3186

41.2515, 0.3513,
0.3680

54.4753, 0.2902,
0.3040

38.4637, 0.3704,
0.3854

58.3257, 0.2786,
0.2905

35.8715, 0.3907,
0.4024

62.4038, 0.2684,
0.2780

33.4685, 0.4116,
0.4181

65.6053, 0.2680,
0.2831

■ 31.2478, 0.4324,
0.4316

■ 68.7975, 0.2687,
0.2903

■ 29.2016, 0.4522,
0.4416

■ 72.1102, 0.2694,
0.2973

■ 27.3215, 0.4700,
0.4472

■ 75.5445, 0.2701,
0.3043

■ 25.5973, 0.4848,
0.4479

■ 79.1016, 0.2708,
0.3112

Harmonies

Analogous

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



47.4359, 0.3189, 0.3326



47.4359, 0.3176, 0.3342



47.4359, 0.3150, 0.3344

Triad

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



47.4359, 0.3176, 0.3342



47.4359, 0.3070, 0.3279



47.4359, 0.3136, 0.3249

Complementary

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



47.4359, 0.3176, 0.3342



46.1371, 0.3079, 0.3237

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.



47.4359, 0.3104, 0.3237



47.4359, 0.3176, 0.3342



47.4359, 0.3066, 0.3254

Square

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



47.4359, 0.3176, 0.3342



47.4359, 0.3089, 0.3308



47.4359, 0.3079, 0.3239



47.4359, 0.3165, 0.3273

Rectangle

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



47.4359, 0.3176, 0.3342



47.4359, 0.3129, 0.3337



47.4359, 0.3079, 0.3239



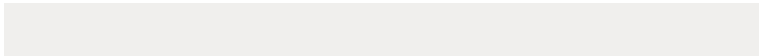
47.4359, 0.3125, 0.3244

Sweetspot

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



47.4380, 0.3176, 0.3342



86.2783, 0.3142, 0.3306



45.8937, 0.3162, 0.3263



18.6067, 0.3141, 0.3305



93.3107, 0.3127, 0.3290



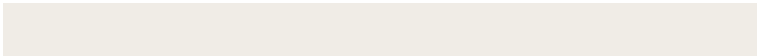
18.7317, 0.3127, 0.3290

Same Dimension

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



47.4380, 0.3176, 0.3342



84.4669, 0.3188, 0.3355



48.1634, 0.3167, 0.3368



10.3136, 0.3198, 0.3365



16.8246, 0.4924, 0.4472



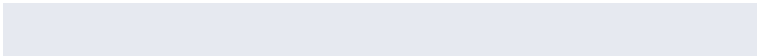
0.7021, 0.4692, 0.4656

Inverse Universe

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



46.1371, 0.3079, 0.3237



81.5741, 0.3066, 0.3224



45.4313, 0.3087, 0.3211



9.9081, 0.3057, 0.3214



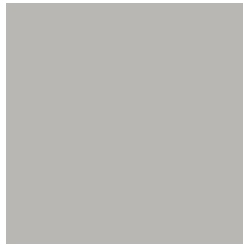
4.8450, 0.1640, 0.1105



0.2878, 0.1793, 0.1653

Previews

White Background



This preview shows how the Yxy color 47.4359, 0.3176, 0.3342 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 47.4359, 0.3176, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

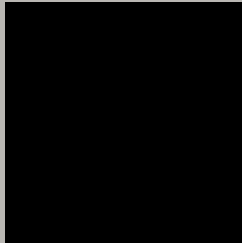
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

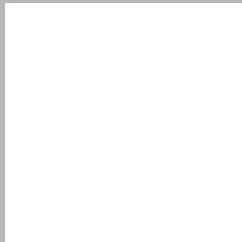
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4359, 0.3176, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 47.4359, 0.3176, 0.3342.



This preview shows how white text looks on a background with the Yxy color 47.4359, 0.3176, 0.3342.

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

47.4359, 0.3176, 0.3342

Protanopia

47.2754, 0.3194, 0.3329

Deuteranopia

47.2961, 0.3324, 0.3253



Tritanopia

47.5527, 0.3068, 0.3113

Trichromacy



Original Color

47.4359, 0.3176, 0.3342

Protanomaly

47.1497, 0.3185, 0.3329

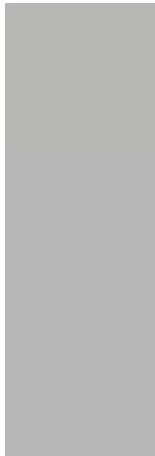
Deuteranomaly

47.2712, 0.3268, 0.3278

Tritanomaly

47.5691, 0.3106, 0.3201

Monochromacy



Original Color

47.4359, 0.3176, 0.3342

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4347, 0.3143, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4359, 0.3176, 0.3342 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(185, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 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(185, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 179) }
```

Border

The CSS property to change the border of an element to Yxy 47.4359, 0.3176, 0.3342 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(185, 183, 179) }
```

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

```
.border{ border-color:rgb(185, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4359, 0.3176, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 179) }
```

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

```
.background{ background-color: rgb(185,  
183, 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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