

Converting Colors

$Yxy(46.9775, 0.3186, 0.3424)$

Have a look what the booklet for
Yxy(46.9775, 0.3186, 0.3424)
contains.

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Color

Yxy(47.1219, 0.3188, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	B5B8AD
RGB	181, 184, 173
RGB Percent	71%, 72%, 68%
CMY	0.2903, 0.2784, 0.3216
CMYK	0.02, 0.00, 0.06, 0.28
HSL	77°, 7%, 70%
HSV	77°, 6%, 72%
XYZ	43.7335, 47.1219, 46.3262
YIQ	181.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

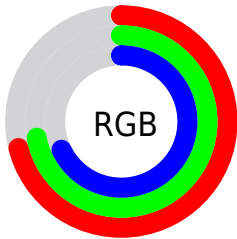
Format	Color
RYB	173, 184, 176
Decimal	11909293
CIELab	74.27, -3.08, 5.21
CIELCh	74, 6.051, 120.575
Yxy	47.1219, 0.3188, 0.3435
Android (android.graphics.Color)	4290099373 (0xFFB5B8AD)
YUV	181.8490, -4.3626, -0.7446
Hunter-Lab	68.6454, -6.4083, 8.0391

Details

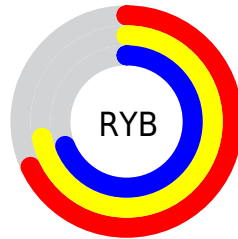
The Yxy color $47.1219, 0.3188, 0.3435$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.5854, 0.3064, 0.3143$, and the grayscale version is $46.7147, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9261, 0.3181, 0.3413$, and $22.2023, 0.3200, 0.3471$ is the 20% darker color. If you saturate the color by 10%, you get $45.8555, 0.3291, 0.3689$, and if you desaturate by 10%, it is $48.5130, 0.3087, 0.3196$.

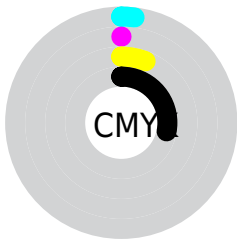
Distribution



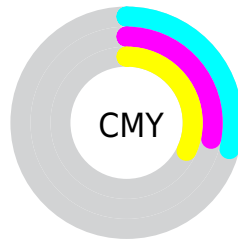
- Red (71%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1219, 0.3188, 0.3435 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 47.1219, 0.3188, 0.3435 by changing the saturation by 10% instead.

■ 47.1219, 0.3188,
0.3435

■ 47.1219, 0.3188,
0.3435

375.3009, 0.3158,
0.3362

■ 33.1320, 0.3195,
0.3453

■ 85.8956, 0.3177,
0.3408

■ 22.2276, 0.3205,
0.3477

111.4481, 0.3173,
0.3399

■ 14.0242, 0.3218,
0.3508

141.6237, 0.3170,
0.3390

■ 8.1375, 0.3235,
0.3553

176.8067, 0.3167,
0.3383

■ 4.1831, 0.3261,
0.3620

217.3816, 0.3164,
0.3377

■ 1.7765, 0.3303,
0.3733

263.7326, 0.3162,

■ 0.4725, 0.3752,

0.3371

0.4741

316.2443, 0.3160,
0.3366

0.0000, 0.0000,
0.0000

47.1219, 0.3188,
0.3435

47.1219, 0.3188,
0.3435

45.8555, 0.3291,
0.3689

48.5130, 0.3087,
0.3196

44.7036, 0.3393,
0.3955

50.0266, 0.2990,
0.2975

43.6635, 0.3490,
0.4226

51.6686, 0.2898,
0.2773

42.7305, 0.3578,
0.4492

53.4427, 0.2812,
0.2589

41.8993, 0.3651,
0.4744

54.6906, 0.2795,
0.2515

■ 41.1642, 0.3705,
0.4970

■ 55.4334, 0.2832,
0.2523

■ 40.5188, 0.3735,
0.5160

■ 56.2001, 0.2869,
0.2532

■ 39.9555, 0.3741,
0.5304

■ 56.9909, 0.2907,
0.2540

■ 39.4649, 0.3723,
0.5402

■ 57.8059, 0.2945,
0.2548

Harmonies

Analogous

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



47.1219, 0.3257, 0.3428



47.1219, 0.3188, 0.3435



47.1219, 0.3103, 0.3401

Triad

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



47.1219, 0.3188, 0.3435



47.1219, 0.2966, 0.3193



47.1219, 0.3229, 0.3244

Complementary

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



47.1219, 0.3188, 0.3435



42.5854, 0.3064, 0.3143

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.



47.1219, 0.3150, 0.3183



47.1219, 0.3188, 0.3435



47.1219, 0.2998, 0.3153

Square

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



47.1219, 0.3188, 0.3435



47.1219, 0.2976, 0.3260



47.1219, 0.3065, 0.3150



47.1219, 0.3281, 0.3317

Rectangle

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



47.1219, 0.3188, 0.3435



47.1219, 0.3049, 0.3361



47.1219, 0.3065, 0.3150



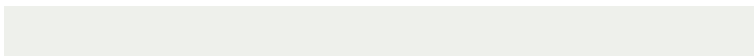
47.1219, 0.3205, 0.3221

Sweetspot

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



47.1239, 0.3188, 0.3435



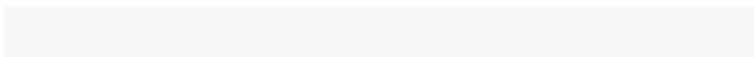
86.3782, 0.3148, 0.3339



44.2362, 0.3223, 0.3329



18.6271, 0.3147, 0.3336



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.



47.1239, 0.3188, 0.3435



85.1389, 0.3200, 0.3463



46.4845, 0.3142, 0.3437



10.4290, 0.3203, 0.3472



27.1037, 0.3718, 0.5430



0.9846, 0.3846, 0.5328

Inverse Universe

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



42.5854, 0.3064, 0.3143



75.4295, 0.3051, 0.3114



43.2271, 0.3111, 0.3145



9.1826, 0.3047, 0.3105



2.8998, 0.1685, 0.0702



0.1342, 0.1979, 0.0864

Previews

White Background



This preview shows how the Yxy color 47.1219, 0.3188, 0.3435 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 47.1219, 0.3188, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

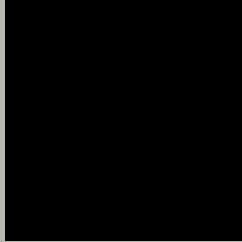
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

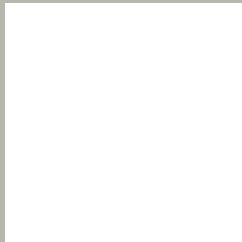
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1219, 0.3188, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 47.1219, 0.3188, 0.3435.



This preview shows how white text looks on a background with the Yxy color 47.1219, 0.3188, 0.3435.

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

47.1219, 0.3188, 0.3435

Protanopia

47.1258, 0.3259, 0.3420

Deuteranopia

46.8423, 0.3377, 0.3303



Tritanopia

47.1782, 0.3043, 0.3112

Trichromacy



Original Color

47.1219, 0.3188, 0.3435

Protanomaly

47.1598, 0.3232, 0.3434

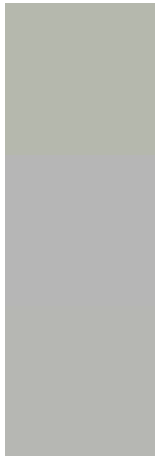
Deuteranomaly

46.8983, 0.3309, 0.3354

Tritanomaly

47.1110, 0.3096, 0.3225

Monochromacy



Original Color

47.1219, 0.3188, 0.3435

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0667, 0.3150, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1219, 0.3188, 0.3435 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(181, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 173)  
}
```

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(181, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.1219, 0.3188, 0.3435 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(181, 184, 173) }
```

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

```
.border{ border-color:rgb(181, 184, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1219, 0.3188, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 173) }
```

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

```
.background{ background-color: rgb(181,  
184, 173) }
```

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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