

Converting Colors

$Y_{xy}(47.5373, 0.3216, 0.3436)$

Have a look what the booklet for
Yxy(47.5373, 0.3216, 0.3436)
contains.

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Color

Yxy(47.4885, 0.3214, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8AD
RGB	184, 184, 173
RGB Percent	72%, 72%, 68%
CMY	0.2785, 0.2784, 0.3216
CMYK	0.00, 0.00, 0.06, 0.28
HSL	60°, 7%, 70%
HSV	60°, 6%, 72%
XYZ	44.4461, 47.4885, 46.3545
YIQ	182.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

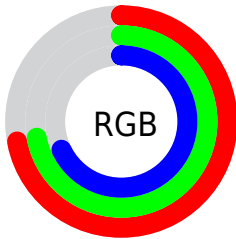
Format	Color
RYB	173, 184, 173
Decimal	12105901
CIELab	74.50, -2.00, 5.58
CIELCh	75, 5.928, 109.703
Yxy	47.4885, 0.3214, 0.3434
Android (android.graphics.Color)	4290295981 (0xFFB8B8AD)
YUV	182.7460, -4.8048, 1.0998
Hunter-Lab	68.9119, -5.4686, 8.3561

Details

The Yxy color **47.4885, 0.3214, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2326, 0.3038, 0.3142**, and the grayscale version is **47.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4469, 0.3201, 0.3412**, and **22.4384, 0.3235, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **46.8201, 0.3363, 0.3681**, and if you desaturate by 10%, it is **48.2592, 0.3070, 0.3196**.

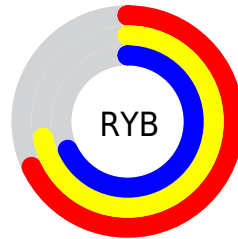
Distribution



Red (72%)

Green (72%)

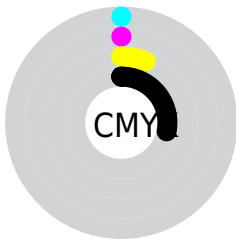
Blue (68%)



Red (68%)

Yellow (72%)

Blue (68%)

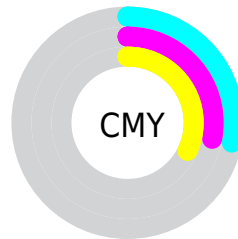


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4885, 0.3214, 0.3434 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 47.4885, 0.3214, 0.3434 by changing the saturation by 10% instead.

■ 47.4885, 0.3214,
0.3434

■ 47.4885, 0.3214,
0.3434

376.7611, 0.3171,
0.3362

■ 33.4220, 0.3225,
0.3452

■ 86.4423, 0.3198,
0.3408

■ 22.4499, 0.3238,
0.3475

112.0985, 0.3193,
0.3398

■ 14.1879, 0.3257,
0.3506

142.3866, 0.3188,
0.3390

■ 8.2514, 0.3282,
0.3550

177.6911, 0.3183,
0.3383

■ 4.2563, 0.3319,
0.3615

218.3964, 0.3180,
0.3376

■ 1.8179, 0.3380,
0.3724

264.8869, 0.3176,

■ 0.4983, 0.3950,

0.3371

0.4633

317.5470, 0.3173,
0.3366

0.0000, 0.0000,
0.0000

47.4885, 0.3214,
0.3434

47.4885, 0.3214,
0.3434

46.8201, 0.3363,
0.3681

48.2592, 0.3070,
0.3196

46.2437, 0.3512,
0.3929

49.1297, 0.2934,
0.2970

45.7572, 0.3659,
0.4172

50.1056, 0.2807,
0.2759

45.3560, 0.3796,
0.4400

51.1903, 0.2690,
0.2565

45.0351, 0.3918,
0.4604

51.7262, 0.2640,
0.2482

■ 44.7890, 0.4021,
0.4775

■ 51.7328, 0.2640,
0.2482

■ 44.6115, 0.4099,
0.4906

■ 51.7393, 0.2640,
0.2482

■ 44.4954, 0.4152,
0.4995

■ 51.7458, 0.2641,
0.2482

■ 44.4315, 0.4180,
0.5043

■ 51.7523, 0.2641,
0.2482

Harmonies

Analogous

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



47.4885, 0.3271, 0.3414



47.4885, 0.3214, 0.3434



47.4885, 0.3134, 0.3415

Triad

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



47.4885, 0.3214, 0.3434



47.4885, 0.2968, 0.3216



47.4885, 0.3201, 0.3221

Complementary

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



47.4885, 0.3214, 0.3434



42.2326, 0.3038, 0.3142

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.



47.4885, 0.3119, 0.3170



47.4885, 0.3214, 0.3434



47.4885, 0.2985, 0.3166

Square

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



47.4885, 0.3214, 0.3434



47.4885, 0.2993, 0.3288



47.4885, 0.3040, 0.3150



47.4885, 0.3263, 0.3290

Rectangle

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



47.4885, 0.3214, 0.3434



47.4885, 0.3079, 0.3382



47.4885, 0.3040, 0.3150



47.4885, 0.3174, 0.3201

Sweetspot

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



47.4906, 0.3214, 0.3434



86.6068, 0.3156, 0.3339



43.0931, 0.3226, 0.3290



18.6738, 0.3155, 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.



47.4906, 0.3214, 0.3434



85.9316, 0.3231, 0.3462



46.8272, 0.3167, 0.3436



10.5309, 0.3236, 0.3470



30.6051, 0.4188, 0.5056



1.0793, 0.4190, 0.5055

Inverse Universe

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



42.2326, 0.3038, 0.3142



74.6897, 0.3020, 0.3113



42.8701, 0.3085, 0.3144



9.0878, 0.3015, 0.3103



2.3880, 0.1501, 0.0601



0.0846, 0.1506, 0.0603

Previews

White Background



This preview shows how the Yxy color 47.4885, 0.3214, 0.3434 looks on a white background.

Color Contrast Check

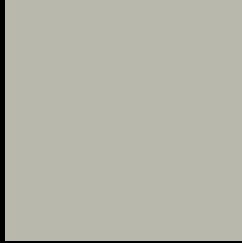
Large Text (above 18pt) WCAG AA × Fail

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 47.4885, 0.3214, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

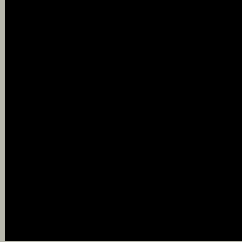
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

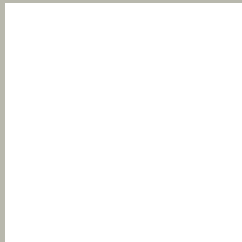
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4885, 0.3214, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 47.4885, 0.3214, 0.3434.



This preview shows how white text looks on a background with the Yxy color 47.4885, 0.3214, 0.3434.

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

47.4885, 0.3214, 0.3434

Protanopia

47.2533, 0.3268, 0.3420

Deuteranopia

47.3376, 0.3393, 0.3328



Tritanopia

47.5527, 0.3068, 0.3113

Trichromacy



Original Color

47.4885, 0.3214, 0.3434

Protanomaly

47.4103, 0.3249, 0.3433

Deuteranomaly

47.5688, 0.3325, 0.3366

Tritanomaly

47.4829, 0.3122, 0.3226

Monochromacy



Original Color

47.4885, 0.3214, 0.3434

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1889, 0.3159, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4885, 0.3214, 0.3434 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(184, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 184, 173) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 47.4885, 0.3214, 0.3434 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(184, 184, 173) }
```

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

```
.border{ border-color:rgb(184, 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(184, 184, 173) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 47.4885, 0.3214, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(184,  
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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