

Converting Colors

$Yxy(47.9892, 0.3211, 0.3486)$

Have a look what the booklet for
Yxy(47.9892, 0.3211, 0.3486)
contains.

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Color

Yxy(48.0032, 0.3211, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	B6BAAB
RGB	182, 186, 171
RGB Percent	71%, 73%, 67%
CMY	0.2862, 0.2706, 0.3295
CMYK	0.02, 0.00, 0.08, 0.27
HSL	76°, 10%, 70%
HSV	76°, 8%, 73%
XYZ	44.2037, 48.0032, 45.4564
YIQ	183.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

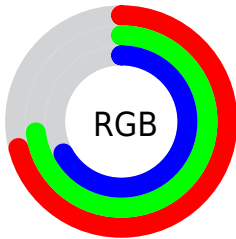
Format	Color
RYB	171, 186, 175
Decimal	11975339
CIELab	74.83, -4.11, 7.12
CIElCh	75, 8.222, 119.992
Yxy	48.0032, 0.3211, 0.3487
Android (android.graphics.Color)	4290165419 (0xFFB6BAAB)
YUV	183.0940, -5.9623, -0.9594
Hunter-Lab	69.2843, -7.3639, 9.5997

Details

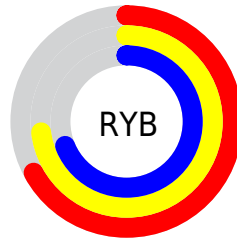
The Yxy color **48.0032, 0.3211, 0.3487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7757, 0.3039, 0.3089**, and the grayscale version is **47.4427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1724, 0.3198, 0.3453**, and **22.7741, 0.3230, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **46.7557, 0.3316, 0.3744**, and if you desaturate by 10%, it is **49.3758, 0.3107, 0.3245**.

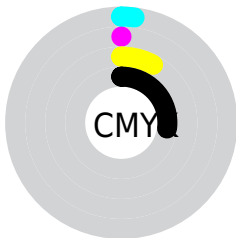
Distribution



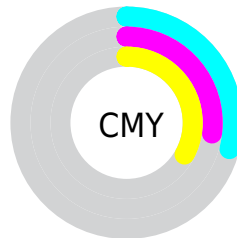
- Red (71%)
- Green (73%)
- Blue (67%)



- Red (67%)
- Yellow (73%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0032, 0.3211, 0.3487 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 48.0032, 0.3211, 0.3487 by changing the saturation by 10% instead.

■ 48.0032, 0.3211,
0.3487

■ 48.0032, 0.3211,
0.3487

378.8048, 0.3170,
0.3388

■ 33.8294, 0.3221,
0.3512

■ 87.2092, 0.3196,
0.3451

■ 22.7626, 0.3234,
0.3544

113.0101, 0.3190,
0.3437

■ 14.4183, 0.3251,
0.3587

143.4557, 0.3186,
0.3426

■ 8.4122, 0.3274,
0.3646

178.9301, 0.3182,
0.3416

■ 4.3598, 0.3309,
0.3737

219.8178, 0.3178,
0.3408

■ 1.8768, 0.3363,
0.3888

266.5032, 0.3175,

■ 0.5344, 0.3973,

0.3400

0.5209

319.3708, 0.3172,
0.3394

0.0000, 0.0000,
0.0000

48.0032, 0.3211,
0.3487

48.0032, 0.3211,
0.3487

46.7557, 0.3316,
0.3744

49.3758, 0.3107,
0.3245

45.6227, 0.3419,
0.4011

50.8713, 0.3008,
0.3019

44.6016, 0.3517,
0.4280

52.4958, 0.2913,
0.2813

43.6874, 0.3604,
0.4543

54.2530, 0.2824,
0.2624

42.8746, 0.3676,
0.4789

55.5539, 0.2798,
0.2538

■ 42.1573, 0.3727,
0.5005

■ 56.2732, 0.2833,
0.2545

■ 41.5287, 0.3755,
0.5183

■ 57.0148, 0.2869,
0.2553

■ 40.9808, 0.3757,
0.5315

■ 57.7789, 0.2906,
0.2561

■ 40.5014, 0.3737,
0.5404

■ 58.5658, 0.2942,
0.2568

Harmonies

Analogous

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



48.0032, 0.3304, 0.3476



48.0032, 0.3211, 0.3487



48.0032, 0.3097, 0.3443

Triad

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



48.0032, 0.3211, 0.3487



48.0032, 0.2909, 0.3160



48.0032, 0.3263, 0.3225

Complementary

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



48.0032, 0.3211, 0.3487



41.7757, 0.3039, 0.3089

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.



48.0032, 0.3155, 0.3145



48.0032, 0.3211, 0.3487



48.0032, 0.2952, 0.3106

Square

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



48.0032, 0.3211, 0.3487



48.0032, 0.2924, 0.3251



48.0032, 0.3041, 0.3101



48.0032, 0.3335, 0.3324

Rectangle

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



48.0032, 0.3211, 0.3487



48.0032, 0.3024, 0.3388



48.0032, 0.3041, 0.3101



48.0032, 0.3229, 0.3195

Sweetspot

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



48.0053, 0.3211, 0.3487



88.4862, 0.3148, 0.3339



43.9376, 0.3259, 0.3340



19.4919, 0.3147, 0.3336



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



48.0053, 0.3211, 0.3487



86.5207, 0.3233, 0.3540



47.1413, 0.3149, 0.3491



10.3805, 0.3224, 0.3519



27.2268, 0.3738, 0.5414



0.9882, 0.3861, 0.5316

Inverse Universe

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



41.7757, 0.3039, 0.3089



72.4997, 0.3014, 0.3034



42.6410, 0.3103, 0.3093



8.8315, 0.3024, 0.3057



2.8607, 0.1672, 0.0695



0.1320, 0.1961, 0.0854

Previews

White Background



This preview shows how the Yxy color 48.0032, 0.3211, 0.3487 looks on a white background.

Color Contrast Check

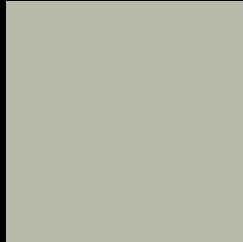
Large Text (above 18pt) WCAG AA × Fail

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 48.0032, 0.3211, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

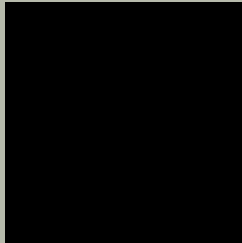
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0032, 0.3211, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 48.0032, 0.3211, 0.3487.



This preview shows how white text looks on a background with the Yxy color 48.0032, 0.3211, 0.3487.

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

48.0032, 0.3211, 0.3487

Protanopia

47.8456, 0.3301, 0.3458

Deuteranopia

47.9797, 0.3418, 0.3353



Tritanopia

47.9262, 0.3044, 0.3100

Trichromacy



Original Color

48.0032, 0.3211, 0.3487

Protanomaly

47.8746, 0.3273, 0.3472

Deuteranomaly

47.8966, 0.3340, 0.3404

Tritanomaly

47.8121, 0.3105, 0.3226

Monochromacy



Original Color

48.0032, 0.3211, 0.3487

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.6029, 0.3158, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0032, 0.3211, 0.3487 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(182, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 171)  
}
```

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(182, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 171) }
```

Border

The CSS property to change the border of an element to Yxy 48.0032, 0.3211, 0.3487 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(182, 186, 171) }
```

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

```
.border{ border-color:rgb(182, 186, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 171);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0032, 0.3211, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 171) }
```

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

```
.background{ background-color: rgb(182,  
186, 171) }
```

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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