

Converting Colors

$Yxy(48.4288, 0.3171, 0.3344)$

Have a look what the booklet for
Yxy(48.4288, 0.3171, 0.3344)
contains.

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Color

Yxy(48.4732, 0.3167, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	BAB9B5
RGB	186, 185, 181
RGB Percent	73%, 73%, 71%
CMY	0.2706, 0.2745, 0.2903
CMYK	0.00, 0.01, 0.03, 0.27
HSL	48°, 4%, 72%
HSV	48°, 3%, 73%
XYZ	45.9350, 48.4732, 50.6343
YIQ	184.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

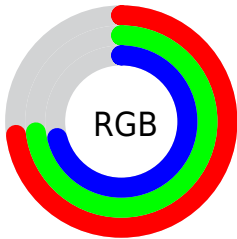
Format	Color
RYB	182, 186, 181
Decimal	12237237
CIELab	75.12, -0.39, 2.16
CIELCh	75, 2.193, 100.265
Yxy	48.4732, 0.3167, 0.3342
Android (android.graphics.Color)	4290427317 (0xFFBAB9B5)
YUV	184.8430, -1.8946, 1.0147
Hunter-Lab	69.6227, -4.0708, 5.6162

Details

The Yxy color **48.4732, 0.3167, 0.3342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8011, 0.3087, 0.3237**, and the grayscale version is **48.4334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9023, 0.3158, 0.3330**, and **23.0476, 0.3181, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **46.2598, 0.3322, 0.3540**, and if you desaturate by 10%, it is **50.8316, 0.3024, 0.3153**.

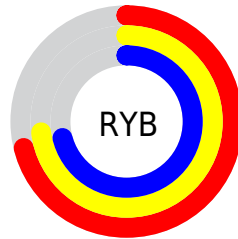
Distribution



Red (73%)

Green (73%)

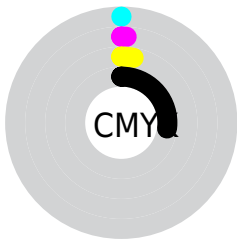
Blue (71%)



Red (71%)

Yellow (73%)

Blue (71%)

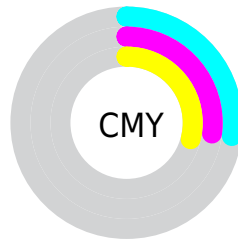


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4732, 0.3167, 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 48.4732, 0.3167, 0.3342 by changing the saturation by 10% instead.

■ 48.4732, 0.3167,
0.3342

■ 48.4732, 0.3167,
0.3342

380.6647, 0.3147,
0.3316

■ 34.2018, 0.3172,
0.3348

■ 87.9085, 0.3160,
0.3333

■ 23.0487, 0.3178,
0.3357

113.8412, 0.3157,
0.3329

■ 14.6294, 0.3186,
0.3368

144.4298, 0.3155,
0.3326

■ 8.5597, 0.3198,
0.3383

180.0587, 0.3153,
0.3324

■ 4.4551, 0.3215,
0.3405

221.1122, 0.3151,
0.3321

■ 1.9313, 0.3243,
0.3442

267.9748, 0.3150,

■ 0.5671, 0.3387,

0.3319

0.3628

321.0308, 0.3148,
0.3318

0.0000, 0.0000,
0.0000

48.4732, 0.3167,
0.3342

48.4732, 0.3167,
0.3342

46.2598, 0.3322,
0.3540

50.8316, 0.3024,
0.3153

44.1809, 0.3487,
0.3745

53.3329, 0.2893,
0.2977

42.2339, 0.3659,
0.3951

55.9830, 0.2774,
0.2813

40.4141, 0.3835,
0.4150

58.7619, 0.2669,
0.2665

38.7161, 0.4007,
0.4334

60.4617, 0.2674,
0.2708

■ 37.1342, 0.4170,
0.4493

■ 62.2019, 0.2678,
0.2750

■ 35.6620, 0.4316,
0.4618

■ 63.9826, 0.2682,
0.2792

■ 34.2922, 0.4438,
0.4700

■ 65.8041, 0.2686,
0.2834

■ 33.0160, 0.4532,
0.4735

■ 67.6668, 0.2690,
0.2876

Harmonies

Analogous

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



48.4732, 0.3184, 0.3331



48.4732, 0.3167, 0.3342



48.4732, 0.3140, 0.3339

Triad

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



48.4732, 0.3167, 0.3342



48.4732, 0.3070, 0.3271



48.4732, 0.3145, 0.3258

Complementary

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



48.4732, 0.3167, 0.3342



46.8011, 0.3087, 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.



48.4732, 0.3115, 0.3242



48.4732, 0.3167, 0.3342



48.4732, 0.3071, 0.3249

Square

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



48.4732, 0.3167, 0.3342



48.4732, 0.3084, 0.3298



48.4732, 0.3088, 0.3239



48.4732, 0.3171, 0.3282

Rectangle

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



48.4732, 0.3167, 0.3342



48.4732, 0.3119, 0.3330



48.4732, 0.3088, 0.3239



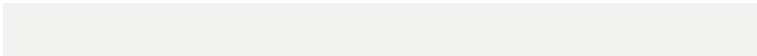
48.4732, 0.3135, 0.3251

Sweetspot

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



48.4753, 0.3167, 0.3342



88.5737, 0.3142, 0.3310



46.8499, 0.3162, 0.3277



19.5102, 0.3141, 0.3309



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.



48.4753, 0.3167, 0.3342



87.7280, 0.3172, 0.3349



48.6999, 0.3154, 0.3355



10.4679, 0.3182, 0.3362



21.7245, 0.4581, 0.4745



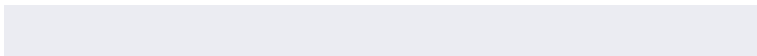
0.8432, 0.4464, 0.4838

Inverse Universe

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



46.8011, 0.3087, 0.3237



84.3086, 0.3082, 0.3231



46.5835, 0.3100, 0.3225



9.9693, 0.3072, 0.3217



3.3348, 0.1558, 0.0807



0.2031, 0.1686, 0.1270

Previews

White Background



This preview shows how the Yxy color 48.4732, 0.3167, 0.3342 looks on a white background.

Color Contrast Check

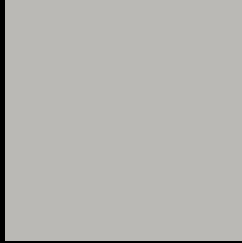
Large Text (above 18pt) WCAG AA × Fail

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 48.4732, 0.3167, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

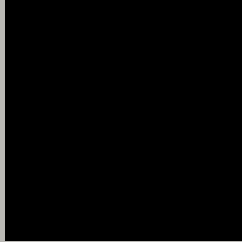
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4732, 0.3167, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 48.4732, 0.3167, 0.3342.



This preview shows how white text looks on a background with the Yxy color 48.4732, 0.3167, 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

48.4732, 0.3167, 0.3342

Protanopia

48.3951, 0.3201, 0.3341

Deuteranopia

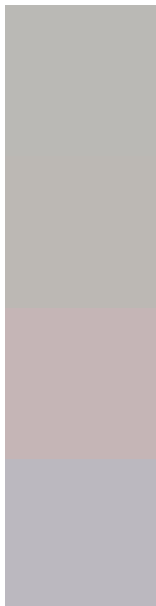
48.4550, 0.3322, 0.3254



Tritanopia

48.5896, 0.3060, 0.3114

Trichromacy



Original Color

48.4732, 0.3167, 0.3342

Protanomaly

48.2676, 0.3193, 0.3341

Deuteranomaly

48.2955, 0.3257, 0.3278

Tritanomaly

48.6074, 0.3098, 0.3201

Monochromacy



Original Color

48.4732, 0.3167, 0.3342

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4729, 0.3135, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4732, 0.3167, 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(186, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 181)  
}
```

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(186, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 181) }
```

Border

The CSS property to change the border of an element to Yxy 48.4732, 0.3167, 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(186, 185, 181) }
```

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

```
.border{ border-color:rgb(186, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4732, 0.3167, 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(186, 185, 181) }
```

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

```
.background{ background-color: rgb(186,  
185, 181) }
```

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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