

Converting Colors

$Yxy(48.4483, 0.3308, 0.3520)$

Have a look what the booklet for
Yxy(48.4483, 0.3308, 0.3520)
contains.

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Color

Yxy(48.4351, 0.3313, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9A7
RGB	190, 185, 167
RGB Percent	75%, 73%, 65%
CMY	0.2551, 0.2744, 0.3452
CMYK	0.00, 0.03, 0.12, 0.26
HSL	47°, 15%, 70%
HSV	47°, 12%, 74%
XYZ	45.5480, 48.4351, 43.4995
YIQ	184.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

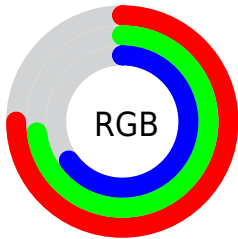
Format	Color
RYB	173, 190, 167
Decimal	12499367
CIELab	75.10, -1.39, 9.77
CIELCh	75, 9.865, 98.117
Yxy	48.4351, 0.3313, 0.3523
Android (android.graphics.Color)	4290689447 (0xFFBEB9A7)
YUV	184.4430, -8.5994, 4.8735
Hunter-Lab	69.5953, -4.9692, 11.6584

Details

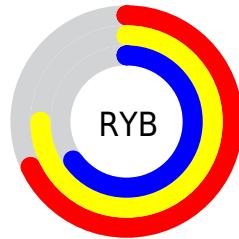
The Yxy color **48.4351, 0.3313, 0.3523** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.3995, 0.2940, 0.3046**, and the grayscale version is **48.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7774, 0.3278, 0.3482**, and **23.0587, 0.3372, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **46.1054, 0.3479, 0.3723**, and if you desaturate by 10%, it is **50.9211, 0.3158, 0.3329**.

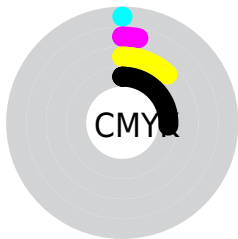
Distribution



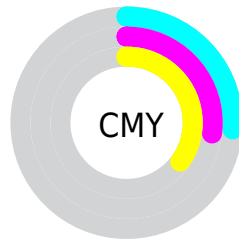
- Red (75%)
- Green (73%)
- Blue (65%)



- Red (68%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (26%)





- Cyan (26%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4351, 0.3313, 0.3523 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 48.4351, 0.3313, 0.3523 by changing the saturation by 10% instead.

 48.4351, 0.3313,
0.3523

 48.4351, 0.3313,
0.3523


380.5142, 0.3221,
0.3407

 34.1716, 0.3336,
0.3552

 87.8519, 0.3280,
0.3481

 23.0254, 0.3365,
0.3589

 113.7739, 0.3267,
0.3465

 14.6123, 0.3403,
0.3638

144.3509, 0.3256,
0.3452

 8.5477, 0.3457,
0.3707

179.9673, 0.3247,
0.3440

 4.4474, 0.3535,
0.3808

221.0074, 0.3239,
0.3430

 1.9268, 0.3660,
0.3973

267.8556, 0.3232,

 0.5644, 0.4710,

0.3421

0.5290

320.8964, 0.3226,
0.3414

0.0000, 0.0000,
0.0000

48.4351, 0.3313,
0.3523

48.4351, 0.3313,
0.3523

46.1054, 0.3479,
0.3723

50.9211, 0.3158,
0.3329

43.9207, 0.3654,
0.3925

53.5616, 0.3015,
0.3145

41.8779, 0.3833,
0.4122

56.3630, 0.2885,
0.2973

39.9714, 0.4011,
0.4304

59.3296, 0.2768,
0.2814

38.1951, 0.4181,
0.4462

62.0090, 0.2701,
0.2737

■ 36.5421, 0.4334,
0.4586

■ 63.9881, 0.2705,
0.2784

■ 35.0047, 0.4465,
0.4667

■ 66.0182, 0.2710,
0.2831

■ 33.5737, 0.4567,
0.4702

■ 68.0999, 0.2714,
0.2877

■ 32.5034, 0.4632,
0.4704

■ 70.2335, 0.2718,
0.2923

Harmonies

Analogous

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



48.4351, 0.3386, 0.3464



48.4351, 0.3313, 0.3523



48.4351, 0.3191, 0.3518

Triad

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



48.4351, 0.3313, 0.3523



48.4351, 0.2873, 0.3210



48.4351, 0.3197, 0.3139

Complementary

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



48.4351, 0.3313, 0.3523



41.3995, 0.2940, 0.3046

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.



48.4351, 0.3059, 0.3073



48.4351, 0.3313, 0.3523



48.4351, 0.2875, 0.3111

Square

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



48.4351, 0.3313, 0.3523



48.4351, 0.2938, 0.3334



48.4351, 0.2942, 0.3062



48.4351, 0.3318, 0.3243

Rectangle

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



48.4351, 0.3313, 0.3523



48.4351, 0.3099, 0.3478



48.4351, 0.2942, 0.3062



48.4351, 0.3151, 0.3112

Sweetspot

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



48.4372, 0.3313, 0.3523



91.4221, 0.3188, 0.3367



41.5492, 0.3298, 0.3225



19.9988, 0.3199, 0.3381



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.4372, 0.3313, 0.3523



86.4673, 0.3364, 0.3586



49.7147, 0.3250, 0.3590



10.7638, 0.3269, 0.3469



21.7442, 0.4625, 0.4710



0.9400, 0.4503, 0.4807

Inverse Universe

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



41.3995, 0.2940, 0.3046



70.7235, 0.2887, 0.2976



40.2876, 0.2995, 0.2983



9.5482, 0.2984, 0.3104



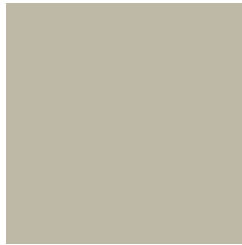
3.6105, 0.1566, 0.0838



0.2393, 0.1693, 0.1293

Previews

White Background



This preview shows how the Yxy color 48.4351, 0.3313, 0.3523 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 48.4351, 0.3313, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

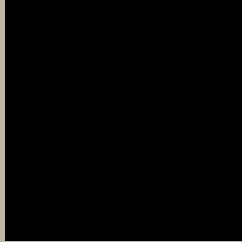
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

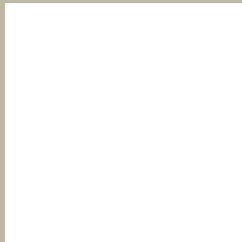
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4351, 0.3313, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 48.4351, 0.3313, 0.3523.



This preview shows how white text looks on a background with the Yxy color 48.4351, 0.3313, 0.3523.

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

48.4351, 0.3313, 0.3523

Protanopia

48.2775, 0.3333, 0.3509

Deuteranopia

48.2233, 0.3489, 0.3414



Tritanopia

48.4572, 0.3127, 0.3116

Trichromacy



Original Color

48.4351, 0.3313, 0.3523

Protanomaly

48.1474, 0.3324, 0.3509

Deuteranomaly

48.4315, 0.3419, 0.3453

Tritanomaly

48.2961, 0.3197, 0.3252

Monochromacy



Original Color

48.4351, 0.3313, 0.3523

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9344, 0.3191, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4351, 0.3313, 0.3523 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(190, 185, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 167)  
}
```

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(190, 185, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 167) }
```

Border

The CSS property to change the border of an element to Yxy 48.4351, 0.3313, 0.3523 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(190, 185, 167) }
```

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

```
.border{ border-color:rgb(190, 185, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 185, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 185, 167); box-shadow:4px 4px 4px 4px rgb(190, 185, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4351, 0.3313, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 167) }
```

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

```
.background{ background-color: rgb(190,  
185, 167) }
```

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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