

Converting Colors

$Y_{xy}(48.1350, 0.3203, 0.3314)$

Have a look what the booklet for
Yxy(48.1350, 0.3203, 0.3314)
contains.

Yxy(48.1503, 0.3203, 0.3316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.1503, 0.3203, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	BEB7B5
RGB	190, 183, 181
RGB Percent	75%, 72%, 71%
CMY	0.2549, 0.2823, 0.2903
CMYK	0.00, 0.04, 0.05, 0.25
HSL	13°, 6%, 73%
HSV	13°, 5%, 75%
XYZ	46.5095, 48.1503, 50.5462
YIQ	184.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

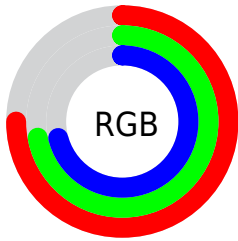
Format	Color
RYB	190, 184, 181
Decimal	12498869
CIELab	74.92, 2.11, 1.90
CIELCh	75, 2.840, 41.938
Yxy	48.1503, 0.3203, 0.3316
Android (android.graphics.Color)	4290688949 (0xFFBEB7B5)
YUV	184.8650, -1.9054, 4.5034
Hunter-Lab	69.3904, -1.7922, 5.3846

Details

The Yxy color **48.1503, 0.3203, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5007, 0.3055, 0.3264**, and the grayscale version is **48.4468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4403, 0.3186, 0.3310**, and **22.8421, 0.3231, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **41.6583, 0.3386, 0.3374**, and if you desaturate by 10%, it is **55.3899, 0.3051, 0.3262**.

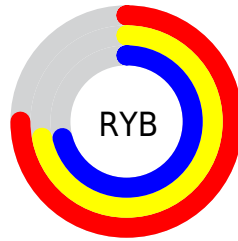
Distribution



Red (75%)

Green (72%)

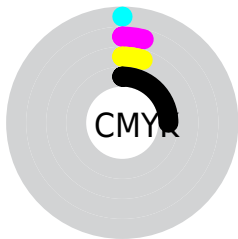
Blue (71%)



Red (75%)

Yellow (72%)

Blue (71%)

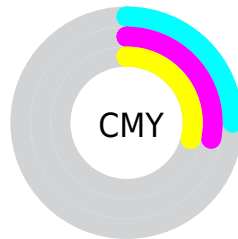


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1503, 0.3203, 0.3316 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 48.1503, 0.3203, 0.3316 by changing the saturation by 10% instead.


 48.1503, 0.3203,
0.3316

 48.1503, 0.3203,
0.3316


379.3876, 0.3165,
0.3303

 33.9459, 0.3212,
0.3319

 87.4281, 0.3189,
0.3311

 22.8521, 0.3224,
0.3323


113.2704, 0.3184,
0.3310

 14.4843, 0.3240,
0.3328


143.7608, 0.3180,
0.3308

 8.4583, 0.3263,
0.3336

179.2836, 0.3176,
0.3307

 4.3896, 0.3296,
0.3346

220.2233, 0.3173,
0.3306

 1.8938, 0.3351,
0.3364

266.9642, 0.3170,

 0.5446, 0.3616,

0.3305

0.3460

319.8909, 0.3167,
0.3304

0.0000, 0.0000,
0.0000

48.1503, 0.3203,
0.3316

48.1503, 0.3203,
0.3316

41.6583, 0.3386,
0.3374

55.3899, 0.3051,
0.3262

35.8838, 0.3606,
0.3435

63.3936, 0.2924,
0.3213

30.8038, 0.3868,
0.3497

72.1850, 0.2818,
0.3169

26.3919, 0.4177,
0.3556

81.6568, 0.2739,
0.3149

22.6198, 0.4532,
0.3607

89.6888, 0.2752,
0.3289

■ 19.4571, 0.4922,
0.3641

■ 16.8710, 0.5325,
0.3648

■ 14.8253, 0.5700,
0.3619

■ 13.2795, 0.6003,
0.3551

Harmonies

Analogous

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



48.1503, 0.3186, 0.3281



48.1503, 0.3203, 0.3316



48.1503, 0.3200, 0.3344

Triad

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



48.1503, 0.3203, 0.3316



48.1503, 0.3102, 0.3332



48.1503, 0.3077, 0.3223

Complementary

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



48.1503, 0.3203, 0.3316



49.5007, 0.3055, 0.3264

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.



48.1503, 0.3055, 0.3236



48.1503, 0.3203, 0.3316



48.1503, 0.3069, 0.3299

Square

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



48.1503, 0.3203, 0.3316



48.1503, 0.3141, 0.3353



48.1503, 0.3052, 0.3264



48.1503, 0.3113, 0.3228

Rectangle

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



48.1503, 0.3203, 0.3316



48.1503, 0.3187, 0.3355



48.1503, 0.3052, 0.3264



48.1503, 0.3068, 0.3226

Sweetspot

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



48.1524, 0.3203, 0.3316



91.9887, 0.3143, 0.3295



47.6209, 0.3148, 0.3200



20.2143, 0.3142, 0.3295



97.7402, 0.3127, 0.3290



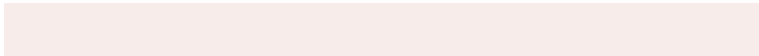
20.4902, 0.3127, 0.3290

Same Dimension

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



48.1524, 0.3203, 0.3316



85.5892, 0.3226, 0.3324



50.0173, 0.3199, 0.3372



10.2810, 0.3233, 0.3326



8.5071, 0.6112, 0.3529



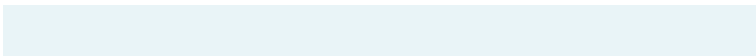
0.4340, 0.5642, 0.3902

Inverse Universe

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



49.5007, 0.3055, 0.3264



88.6937, 0.3034, 0.3256



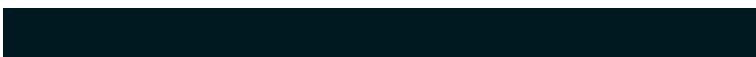
47.6287, 0.3056, 0.3206



10.6826, 0.3027, 0.3254



16.5547, 0.2045, 0.2560



0.7395, 0.2099, 0.2754

Previews

White Background



This preview shows how the Yxy color 48.1503, 0.3203, 0.3316 looks on a white background.

Color Contrast Check

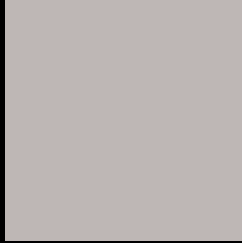
Large Text (above 18pt) WCAG AA × Fail

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 48.1503, 0.3203, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

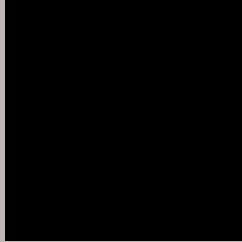
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

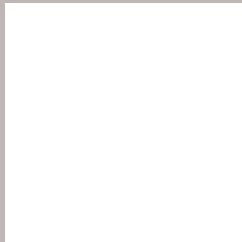
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1503, 0.3203, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 48.1503, 0.3203, 0.3316.

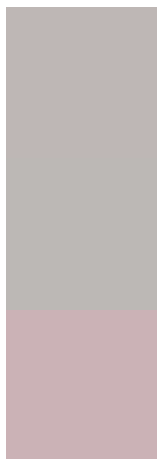


This preview shows how white text looks on a background with the Yxy color 48.1503, 0.3203, 0.3316.

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

48.1503, 0.3203, 0.3316

Protanopia

48.3085, 0.3185, 0.3329

Deuteranopia

47.9147, 0.3314, 0.3241



Tritanopia

48.1943, 0.3110, 0.3115

Trichromacy



Original Color

48.1503, 0.3203, 0.3316

Protanomaly

48.4360, 0.3193, 0.3328

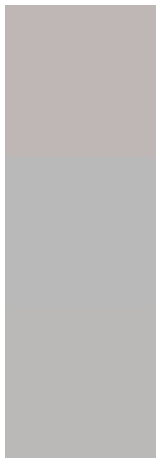
Deuteranomaly

48.0257, 0.3267, 0.3265

Tritanomaly

48.2500, 0.3140, 0.3189

Monochromacy



Original Color

48.1503, 0.3203, 0.3316

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3065, 0.3152, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1503, 0.3203, 0.3316 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, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(190, 183, 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(190, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 183, 181) }
```

Border

The CSS property to change the border of an element to Yxy 48.1503, 0.3203, 0.3316 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, 183, 181) }
```

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

```
.border{ border-color:rgb(190, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 183,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1503, 0.3203, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 183, 181) }
```

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

```
.background{ background-color: rgb(190,  
183, 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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