

Converting Colors

$Yxy(48.0499, 0.3209, 0.3321)$

Have a look what the booklet for
Yxy(48.0499, 0.3209, 0.3321)
contains.

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Color

Yxy(48.1094, 0.3211, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	BEB7B4
RGB	190, 183, 180
RGB Percent	75%, 72%, 71%
CMY	0.2549, 0.2823, 0.2942
CMYK	0.00, 0.04, 0.05, 0.25
HSL	18°, 7%, 73%
HSV	18°, 5%, 75%
XYZ	46.4041, 48.1094, 50.0026
YIQ	184.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

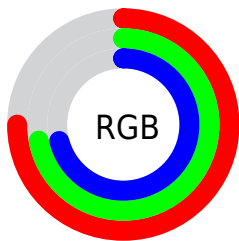
Format	Color
RYB	190, 184, 180
Decimal	12498868
CIELab	74.89, 1.93, 2.41
CIElCh	75, 3.085, 51.382
Yxy	48.1094, 0.3211, 0.3329
Android (android.graphics.Color)	4290688948 (0xFFBEB7B4)
YUV	184.7510, -2.3422, 4.6034
Hunter-Lab	69.3609, -1.9609, 5.8103

Details

The Yxy color **48.1094, 0.3211, 0.3329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9412, 0.3047, 0.3251**, and the grayscale version is **48.3814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3820, 0.3192, 0.3320**, and **22.8159, 0.3242, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **42.1808, 0.3392, 0.3407**, and if you desaturate by 10%, it is **54.6624, 0.3058, 0.3256**.

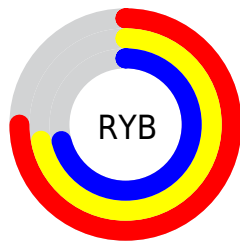
Distribution



Red (75%)

Green (72%)

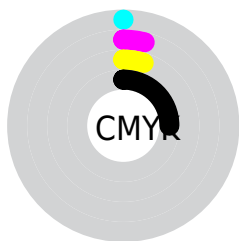
Blue (71%)



Red (75%)

Yellow (72%)

Blue (71%)

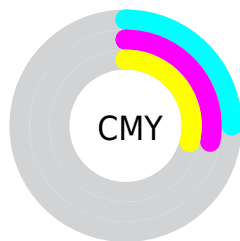


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1094, 0.3211, 0.3329 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 48.1094, 0.3211, 0.3329 by changing the saturation by 10% instead.

■ 48.1094, 0.3211,
0.3329

■ 48.1094, 0.3211,
0.3329

379.2256, 0.3169,
0.3310

■ 33.9135, 0.3221,
0.3334

■ 87.3673, 0.3196,
0.3322

■ 22.8272, 0.3235,
0.3340

113.1981, 0.3190,
0.3319

■ 14.4659, 0.3252,
0.3348

143.6759, 0.3185,
0.3317

■ 8.4454, 0.3277,
0.3359

179.1853, 0.3181,
0.3315

■ 4.3813, 0.3314,
0.3375

220.1106, 0.3178,
0.3314

■ 1.8890, 0.3375,
0.3401

266.8361, 0.3174,

■ 0.5418, 0.3685,

0.3312

0.3552

319.7463, 0.3172,
0.3311

0.0000, 0.0000,
0.0000

48.1094, 0.3211,
0.3329

48.1094, 0.3211,
0.3329

42.1808, 0.3392,
0.3407

54.6624, 0.3058,
0.3256

36.8518, 0.3606,
0.3489

61.8511, 0.2930,
0.3190

32.1054, 0.3858,
0.3572

69.6946, 0.2821,
0.3129

27.9210, 0.4149,
0.3652

78.1464, 0.2733,
0.3083

24.2771, 0.4479,
0.3722

86.0562, 0.2746,
0.3227

■ 21.1506, 0.4837,
0.3772

■ 89.6872, 0.2752,
0.3289

■ 18.5166, 0.5204,
0.3789

■ 16.3477, 0.5550,
0.3764

■ 14.6136, 0.5838,
0.3692

Harmonies

Analogous

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



48.1094, 0.3199, 0.3293



48.1094, 0.3211, 0.3329



48.1094, 0.3200, 0.3355

Triad

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



48.1094, 0.3211, 0.3329



48.1094, 0.3087, 0.3325



48.1094, 0.3084, 0.3217

Complementary

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



48.1094, 0.3211, 0.3329



48.9412, 0.3047, 0.3251

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.



48.1094, 0.3054, 0.3225



48.1094, 0.3211, 0.3329



48.1094, 0.3056, 0.3287

Square

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



48.1094, 0.3211, 0.3329



48.1094, 0.3129, 0.3353



48.1094, 0.3044, 0.3251



48.1094, 0.3125, 0.3228

Rectangle

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



48.1094, 0.3211, 0.3329



48.1094, 0.3182, 0.3364



48.1094, 0.3044, 0.3251



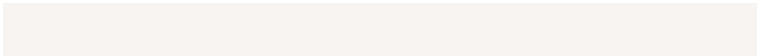
48.1094, 0.3072, 0.3217

Sweetspot

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



48.1115, 0.3211, 0.3329



90.9153, 0.3159, 0.3305



47.1643, 0.3157, 0.3201



19.9902, 0.3157, 0.3304



97.7402, 0.3127, 0.3290



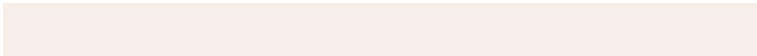
20.4902, 0.3127, 0.3290

Same Dimension

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



48.1115, 0.3211, 0.3329



86.2648, 0.3225, 0.3335



50.2051, 0.3206, 0.3392



10.3683, 0.3232, 0.3339



9.3854, 0.5934, 0.3670



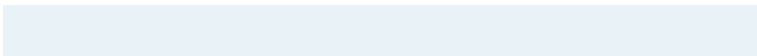
0.4864, 0.5450, 0.4055

Inverse Universe

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



48.9412, 0.3047, 0.3251



87.9914, 0.3034, 0.3244



46.8627, 0.3048, 0.3186



10.5916, 0.3027, 0.3241



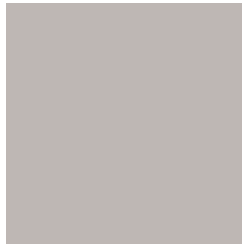
13.6659, 0.1968, 0.2283



0.6453, 0.2043, 0.2553

Previews

White Background



This preview shows how the Yxy color 48.1094, 0.3211, 0.3329 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 48.1094, 0.3211, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

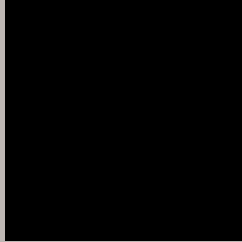
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

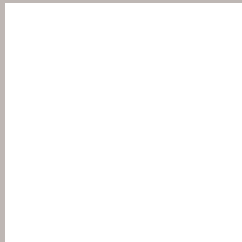
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1094, 0.3211, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 48.1094, 0.3211, 0.3329.

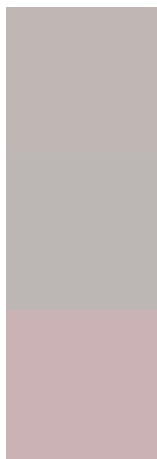


This preview shows how white text looks on a background with the Yxy color 48.1094, 0.3211, 0.3329.

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

48.1094, 0.3211, 0.3329

Protanopia

47.8536, 0.3194, 0.3329

Deuteranopia

47.8735, 0.3323, 0.3254



Tritanopia

48.1943, 0.3110, 0.3115

Trichromacy



Original Color

48.1094, 0.3211, 0.3329

Protanomaly

47.9811, 0.3202, 0.3329

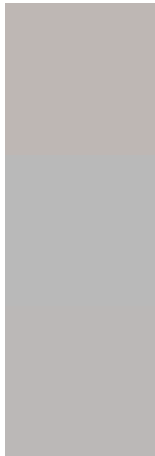
Deuteranomaly

47.9845, 0.3276, 0.3278

Tritanomaly

48.2500, 0.3140, 0.3189

Monochromacy



Original Color

48.1094, 0.3211, 0.3329

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2647, 0.3160, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1094, 0.3211, 0.3329 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(190, 183, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 183, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.1094, 0.3211, 0.3329 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, 180) }
```

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

```
.border{ border-color:rgb(190, 183, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(190, 183,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1094, 0.3211, 0.3329 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, 180) }
```

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

```
.background{ background-color: rgb(190,  
183, 180) }
```

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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