

Converting Colors

$Yxy(48.1770, 0.3349, 0.3411)$

Have a look what the booklet for
Yxy(48.1770, 0.3349, 0.3411)
contains.

Yxy(48.0321, 0.3349, 0.3404)	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(48.0321, 0.3349, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	C6B5AC
RGB	198, 181, 172
RGB Percent	78%, 71%, 67%
CMY	0.2236, 0.2902, 0.3254
CMYK	0.00, 0.09, 0.13, 0.22
HSL	21°, 19%, 73%
HSV	21°, 13%, 78%
XYZ	47.2560, 48.0321, 45.8168
YIQ	185.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

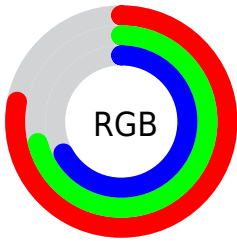
Format	Color
R_{YB}	198, 186, 172
Decimal	13022636
CIE _{Lab}	74.85, 4.53, 6.76
CIE _{LCh}	75, 8.136, 56.165
Yxy	48.0321, 0.3349, 0.3404
Android (android.graphics.Color)	4291212716 (0xFFC6B5AC)
YUV	185.0570, -6.4371, 11.3510
Hunter-Lab	69.3052, 0.4268, 9.3178

Details

The Yxy color **48.0321, 0.3349, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2371, 0.2926, 0.3173**, and the grayscale version is **48.5805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3744, 0.3312, 0.3389**, and **22.7237, 0.3410, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **42.3089, 0.3553, 0.3497**, and if you desaturate by 10%, it is **54.3616, 0.3176, 0.3316**.

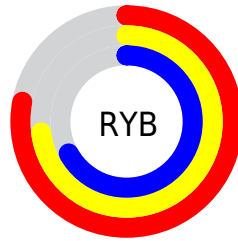
Distribution



Red (78%)

Green (71%)

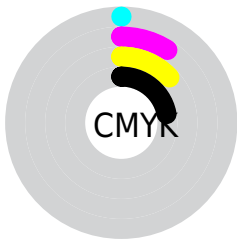
Blue (67%)



Red (78%)

Yellow (73%)

Blue (67%)

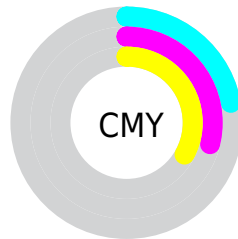


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0321, 0.3349, 0.3404 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 48.0321, 0.3349, 0.3404 by changing the saturation by 10% instead.


 48.0321, 0.3349,
0.3404

 48.0321, 0.3349,
0.3404


378.9193, 0.3238,
0.3348

 33.8523, 0.3377,
0.3418


 87.2522, 0.3309,
0.3384

 22.7802, 0.3412,
0.3435


113.0613, 0.3294,
0.3376

 14.4313, 0.3460,
0.3458


143.5156, 0.3281,
0.3370

 8.4212, 0.3526,
0.3489

178.9995, 0.3270,
0.3364

 4.3656, 0.3624,
0.3533

219.8975, 0.3260,
0.3360

 1.8801, 0.3787,
0.3603

266.5938, 0.3252,

 0.5364, 0.4892,

0.3355

0.4229

319.4730, 0.3245,
0.3352

0.0000, 0.0000,
0.0000

48.0321, 0.3349,
0.3404

48.0321, 0.3349,
0.3404

42.3089, 0.3553,
0.3497

54.3616, 0.3176,
0.3316

37.1674, 0.3790,
0.3592

61.3085, 0.3028,
0.3234

32.5905, 0.4064,
0.3685

68.8915, 0.2903,
0.3159

28.5580, 0.4373,
0.3769

77.1267, 0.2797,
0.3090

25.0482, 0.4709,
0.3834

84.9554, 0.2787,
0.3191

■ 22.0379, 0.5057,
0.3867

■ 90.7431, 0.2794,
0.3289

■ 19.5018, 0.5391,
0.3857

■ 17.4117, 0.5681,
0.3797

■ 16.2092, 0.5851,
0.3736

Harmonies

Analogous

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



48.0321, 0.3326, 0.3311



48.0321, 0.3349, 0.3404



48.0321, 0.3311, 0.3469

Triad

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



48.0321, 0.3349, 0.3404



48.0321, 0.3005, 0.3367



48.0321, 0.3029, 0.3101

Complementary

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



48.0321, 0.3349, 0.3404



49.2371, 0.2926, 0.3173

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.



48.0321, 0.2945, 0.3112



48.0321, 0.3349, 0.3404



48.0321, 0.2932, 0.3264

Square

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



48.0321, 0.3349, 0.3404



48.0321, 0.3112, 0.3449



48.0321, 0.2910, 0.3171



48.0321, 0.3140, 0.3138

Rectangle

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



48.0321, 0.3349, 0.3404



48.0321, 0.3257, 0.3487



48.0321, 0.2910, 0.3171



48.0321, 0.2997, 0.3099

Sweetspot

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



48.0342, 0.3349, 0.3404



95.1806, 0.3191, 0.3324



45.2019, 0.3214, 0.3074



20.1829, 0.3203, 0.3331



0.0000, 0.0000, 0.0000



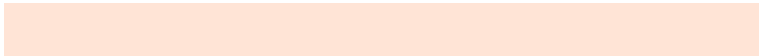
21.4041, 0.3127, 0.3290

Same Dimension

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



48.0342, 0.3349, 0.3404



81.7968, 0.3409, 0.3433



53.4114, 0.3328, 0.3559



11.2279, 0.3281, 0.3371



10.6888, 0.5827, 0.3755



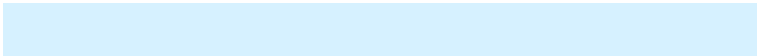
0.6417, 0.5421, 0.4077

Inverse Universe

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



49.2371, 0.2926, 0.3173



84.3768, 0.2878, 0.3143



44.0336, 0.2922, 0.3006



11.4250, 0.2984, 0.3208



13.0959, 0.1924, 0.2126



0.7516, 0.1999, 0.2397

Previews

White Background



This preview shows how the Yxy color 48.0321, 0.3349, 0.3404 looks on a white background.

Color Contrast Check

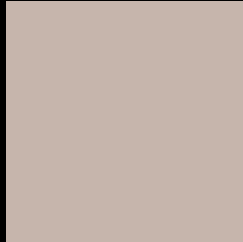
Large Text (above 18pt) WCAG AA × Fail

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 48.0321, 0.3349, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

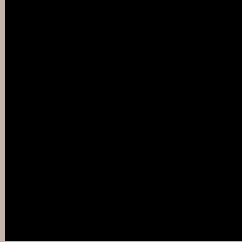
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0321, 0.3349, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 48.0321, 0.3349, 0.3404.



This preview shows how white text looks on a background with the Yxy color 48.0321, 0.3349, 0.3404.

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

48.0321, 0.3349, 0.3404

Protanopia

48.2453, 0.3266, 0.3432

Deuteranopia

47.9797, 0.3418, 0.3353



Tritanopia

48.0641, 0.3213, 0.3119

Trichromacy



Original Color

48.0321, 0.3349, 0.3404

Protanomaly

48.2216, 0.3294, 0.3418

Deuteranomaly

47.9538, 0.3389, 0.3365

Tritanomaly

48.0223, 0.3261, 0.3216

Monochromacy



Original Color

48.0321, 0.3349, 0.3404

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5234, 0.3210, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0321, 0.3349, 0.3404 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(198, 181, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 172)  
}
```

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(198, 181, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 172) }
```

Border

The CSS property to change the border of an element to Yxy 48.0321, 0.3349, 0.3404 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(198, 181, 172) }
```

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

```
.border{ border-color:rgb(198, 181, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 181, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 181, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 181, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 181,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0321, 0.3349, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 172) }
```

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

```
.background{ background-color: rgb(198,  
181, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor