

Converting Colors

$Yxy(48.4400, 0.3431, 0.3586)$

Have a look what the booklet for
Yxy(48.4400, 0.3431, 0.3586)
contains.

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Color

Yxy(48.2754, 0.3437, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	C5B7A0
RGB	197, 183, 160
RGB Percent	77%, 72%, 63%
CMY	0.2276, 0.2823, 0.3726
CMYK	0.00, 0.07, 0.19, 0.23
HSL	37°, 24%, 70%
HSV	37°, 19%, 77%
XYZ	46.2954, 48.2754, 40.1262
YIQ	184.5640, 15.7270, -4.1850

Conversions

Conversions Part 2

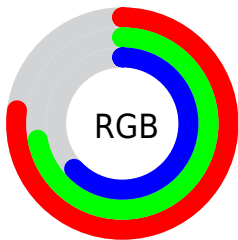
Format	Color
R_{YB}	183, 197, 160
Decimal	12957600
CIE Lab	75.00, 1.17, 13.50
CIE LCh	75, 13.554, 85.058
Yxy	48.2754, 0.3437, 0.3584
Android (android.graphics.Color)	4291147680 (0xFFC5B7A0)
YUV	184.5640, -12.1101, 10.9064
Hunter-Lab	69.4805, -2.6551, 14.3953

Details

The Yxy color **48.2754, 0.3437, 0.3584** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7426, 0.2831, 0.2977**, and the grayscale version is **48.3208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7101, 0.3380, 0.3529**, and **22.8876, 0.3531, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **44.6589, 0.3627, 0.3748**, and if you desaturate by 10%, it is **52.1670, 0.3264, 0.3424**.

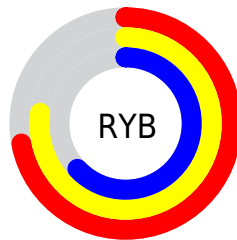
Distribution



Red (77%)

Green (72%)

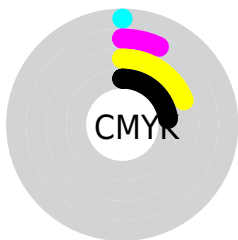
Blue (63%)



Red (72%)

Yellow (77%)

Blue (63%)

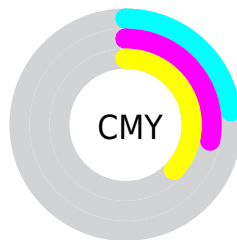


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2754, 0.3437, 0.3584 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 48.2754, 0.3437, 0.3584 by changing the saturation by 10% instead.

 48.2754, 0.3437,
0.3584


 48.2754, 0.3437,
0.3584


379.8827, 0.3283,
0.3438

 34.0450, 0.3475,
0.3620

 87.6143, 0.3381,
0.3531

 22.9282, 0.3524,
0.3665

 113.4916, 0.3360,
0.3512

 14.5405, 0.3588,
0.3726


144.0201, 0.3342,
0.3495

 8.4975, 0.3677,
0.3808

179.5840, 0.3327,
0.3480

 4.4149, 0.3808,
0.3928

220.5679, 0.3314,
0.3468

 1.9083, 0.4018,
0.4118

267.3560, 0.3302,

 0.5533, 0.5005,

0.3457

0.4995

320.3328, 0.3292,
0.3447

0.0000, 0.0000,
0.0000

48.2754, 0.3437,
0.3584

48.2754, 0.3437,
0.3584

44.6589, 0.3627,
0.3748

52.1670, 0.3264,
0.3424

41.3035, 0.3834,
0.3912

56.3345, 0.3109,
0.3272

38.2032, 0.4053,
0.4068

60.7868, 0.2971,
0.3129

35.3495, 0.4277,
0.4206

65.5306, 0.2848,
0.2997

32.7329, 0.4499,
0.4314

70.3472, 0.2759,
0.2910

■ 30.3430, 0.4706,
0.4382

■ 74.3351, 0.2766,
0.2993

■ 28.1682, 0.4888,
0.4401

■ 78.4983, 0.2772,
0.3075

■ 26.1907, 0.5039,
0.4371

■ 82.8390, 0.2778,
0.3155

■ 25.9594, 0.5057,
0.4367

■ 87.3592, 0.2785,
0.3235

Harmonies

Analogous

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



48.2754, 0.3498, 0.3470



48.2754, 0.3437, 0.3584



48.2754, 0.3292, 0.3621

Triad

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



48.2754, 0.3437, 0.3584



48.2754, 0.2808, 0.3250



48.2754, 0.3139, 0.3038

Complementary

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



48.2754, 0.3437, 0.3584



41.7426, 0.2831, 0.2977

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.



48.2754, 0.2957, 0.2978



48.2754, 0.3437, 0.3584



48.2754, 0.2770, 0.3094

Square

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



48.2754, 0.3437, 0.3584



48.2754, 0.2930, 0.3424



48.2754, 0.2823, 0.2997



48.2754, 0.3324, 0.3159

Rectangle

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



48.2754, 0.3437, 0.3584



48.2754, 0.3170, 0.3592



48.2754, 0.2823, 0.2997



48.2754, 0.3076, 0.3010

Sweetspot

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



48.2776, 0.3437, 0.3584



95.4285, 0.3221, 0.3382



40.0620, 0.3355, 0.3109



20.3215, 0.3231, 0.3393



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.



48.2776, 0.3437, 0.3584



83.4773, 0.3522, 0.3659



53.7429, 0.3370, 0.3758



11.7191, 0.3274, 0.3434



17.2472, 0.5043, 0.4378



0.9528, 0.4821, 0.4554

Inverse Universe

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



41.7426, 0.2831, 0.2977



69.3842, 0.2754, 0.2891



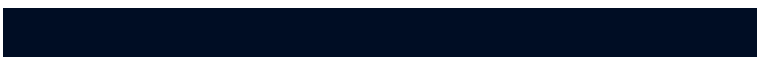
37.0882, 0.2857, 0.2787



10.9318, 0.2983, 0.3142



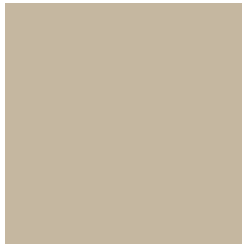
6.0450, 0.1670, 0.1213



0.4252, 0.1789, 0.1641

Previews

White Background



This preview shows how the Yxy color 48.2754, 0.3437, 0.3584 looks on a white background.

Color Contrast Check

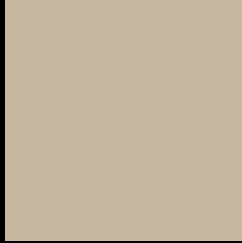
Large Text (above 18pt) WCAG AA × Fail

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 48.2754, 0.3437, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

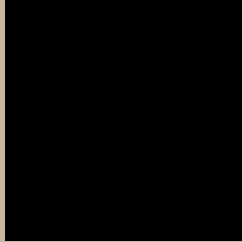
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

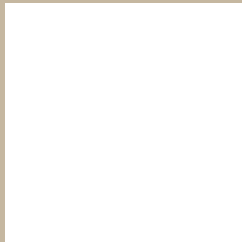
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2754, 0.3437, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 48.2754, 0.3437, 0.3584.



This preview shows how white text looks on a background with the Yxy color 48.2754, 0.3437, 0.3584.

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

48.2754, 0.3437, 0.3584

Protanopia

48.3235, 0.3400, 0.3585

Deuteranopia

48.2629, 0.3569, 0.3499



Tritanopia

48.0641, 0.3213, 0.3119

Trichromacy



Original Color

48.2754, 0.3437, 0.3584

Protanomaly

48.4563, 0.3409, 0.3585

Deuteranomaly

48.3375, 0.3517, 0.3527

Tritanomaly

48.2172, 0.3302, 0.3291

Monochromacy



Original Color

48.2754, 0.3437, 0.3584

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2344, 0.3233, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2754, 0.3437, 0.3584 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(197, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 183, 160)  
}
```

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(197, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 183, 160) }
```

Border

The CSS property to change the border of an element to Yxy 48.2754, 0.3437, 0.3584 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(197, 183, 160) }
```

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

```
.border{ border-color:rgb(197, 183, 160) }
```

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

Here you see how a box with a 4 pixel rgb(197, 183, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 183,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2754, 0.3437, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 183, 160) }
```

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

```
.background{ background-color: rgb(197,  
183, 160) }
```

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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