

Converting Colors

$Yxy(48.4425, 0.3388, 0.3613)$

Have a look what the booklet for
Yxy(48.4425, 0.3388, 0.3613)
contains.

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Color

Yxy(48.4425, 0.3388, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	C0B9A0
RGB	192, 185, 160
RGB Percent	75%, 73%, 63%
CMY	0.2472, 0.2744, 0.3726
CMYK	0.00, 0.04, 0.17, 0.25
HSL	47°, 20%, 69%
HSV	47°, 17%, 75%
XYZ	45.4257, 48.4425, 40.2101
YIQ	184.2430, 12.1970, -6.2910

Conversions

Conversions Part 2

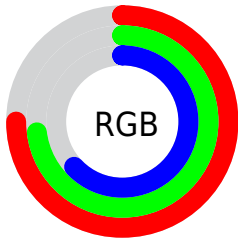
Format	Color
RYB	169, 192, 160
Decimal	12630432
CIELab	75.10, -1.76, 13.58
CIElCh	75, 13.698, 97.395
Yxy	48.4425, 0.3388, 0.3613
Android (android.graphics.Color)	4290820512 (0xFFC0B9A0)
YUV	184.2430, -11.9518, 6.8029
Hunter-Lab	69.6006, -5.3009, 14.4671

Details

The Yxy color $48.4425, 0.3388, 0.3613$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.8949, 0.2863, 0.2945$, and the grayscale version is $48.1350, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9566, 0.3343, 0.3552$, and $22.9885, 0.3462, 0.3712$ is the 20% darker color. If you saturate the color by 10%, you get $46.1027, 0.3559, 0.3814$, and if you desaturate by 10%, it is $50.9416, 0.3227, 0.3416$.

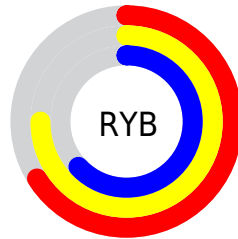
Distribution



Red (75%)

Green (73%)

Blue (63%)



Red (66%)

Yellow (75%)

Blue (63%)

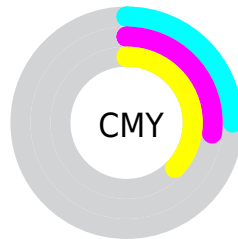


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (27%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4425, 0.3388, 0.3613 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 48.4425, 0.3388, 0.3613 by changing the saturation by 10% instead.


 48.4425, 0.3388,
0.3613


 48.4425, 0.3388,
0.3613


380.5434, 0.3259,
0.3452

 34.1774, 0.3420,
0.3653


 87.8629, 0.3341,
0.3555

 23.0299, 0.3460,
0.3704


 113.7870, 0.3324,
0.3533

 14.6156, 0.3514,
0.3772

144.3662, 0.3309,
0.3514

 8.5501, 0.3587,
0.3866

179.9850, 0.3296,
0.3498

 4.4489, 0.3693,
0.4004

221.0277, 0.3285,
0.3484

 1.9277, 0.3862,
0.4228

267.8788, 0.3275,

 0.5650, 0.4665,

0.3472

0.5335

320.9225, 0.3267,
0.3462

0.0000, 0.0000,
0.0000

48.4425, 0.3388,
0.3613

48.4425, 0.3388,
0.3613

46.1027, 0.3559,
0.3814

50.9416, 0.3227,
0.3416

43.9106, 0.3737,
0.4014

53.5985, 0.3079,
0.3228

41.8628, 0.3917,
0.4205

56.4199, 0.2943,
0.3051

39.9532, 0.4093,
0.4377

59.4102, 0.2820,
0.2887

38.1754, 0.4257,
0.4520

62.5103, 0.2715,
0.2745

■ 36.5218, 0.4403,
0.4625

■ 64.5455, 0.2719,
0.2792

■ 34.9839, 0.4522,
0.4685

■ 66.6345, 0.2723,
0.2840

■ 33.5505, 0.4612,
0.4698

■ 68.7776, 0.2727,
0.2887

■ 33.0874, 0.4639,
0.4698

■ 70.9753, 0.2731,
0.2935

Harmonies

Analogous

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



48.4425, 0.3488, 0.3527



48.4425, 0.3388, 0.3613



48.4425, 0.3219, 0.3611

Triad

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



48.4425, 0.3388, 0.3613



48.4425, 0.2778, 0.3180



48.4425, 0.3219, 0.3079

Complementary

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



48.4425, 0.3388, 0.3613



38.8949, 0.2863, 0.2945

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.



48.4425, 0.3027, 0.2991



48.4425, 0.3388, 0.3613



48.4425, 0.2777, 0.3043

Square

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



48.4425, 0.3388, 0.3613



48.4425, 0.2869, 0.3354



48.4425, 0.2867, 0.2976



48.4425, 0.3390, 0.3220

Rectangle

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



48.4425, 0.3388, 0.3613



48.4425, 0.3091, 0.3557



48.4425, 0.2867, 0.2976



48.4425, 0.3155, 0.3043

Sweetspot

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



48.4446, 0.3388, 0.3613



93.0772, 0.3203, 0.3386



39.1485, 0.3369, 0.3193



19.8967, 0.3214, 0.3400



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.



48.4446, 0.3388, 0.3613



86.2238, 0.3450, 0.3687



50.3447, 0.3301, 0.3708



11.3746, 0.3270, 0.3469



22.3905, 0.4633, 0.4704



1.0620, 0.4516, 0.4796

Inverse Universe

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



38.8949, 0.2863, 0.2945



65.6473, 0.2800, 0.2860



37.3257, 0.2933, 0.2856



10.0952, 0.2983, 0.3104



3.7589, 0.1567, 0.0841



0.2671, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 48.4425, 0.3388, 0.3613 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 48.4425, 0.3388, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

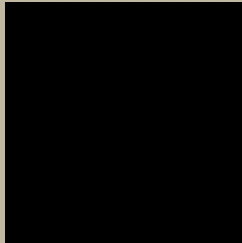
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

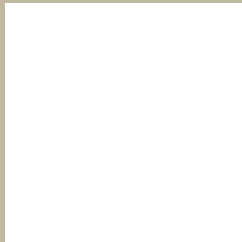
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4425, 0.3388, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 48.4425, 0.3388, 0.3613.



This preview shows how white text looks on a background with the Yxy color 48.4425, 0.3388, 0.3613.

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

48.4425, 0.3388, 0.3613

Protanopia

48.2884, 0.3408, 0.3599

Deuteranopia

48.2629, 0.3569, 0.3499



Tritanopia

48.4079, 0.3161, 0.3117

Trichromacy



Original Color

48.4425, 0.3388, 0.3613

Protanomaly

48.1565, 0.3399, 0.3599

Deuteranomaly

48.4583, 0.3497, 0.3541

Tritanomaly

48.4354, 0.3239, 0.3290

Monochromacy



Original Color

48.4425, 0.3388, 0.3613

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9409, 0.3224, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4425, 0.3388, 0.3613 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(192, 185, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 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(192, 185, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 160) }
```

Border

The CSS property to change the border of an element to Yxy 48.4425, 0.3388, 0.3613 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(192, 185, 160) }
```

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

```
.border{ border-color:rgb(192, 185, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4425, 0.3388, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 160) }
```

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

```
.background{ background-color: rgb(192,  
185, 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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