

Converting Colors

$Yxy(47.9076, 0.3387, 0.3560)$

Have a look what the booklet for
Yxy(47.9076, 0.3387, 0.3560)
contains.

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Color

Yxy(47.8131, 0.3385, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	C1B7A2
RGB	193, 183, 162
RGB Percent	76%, 72%, 64%
CMY	0.2430, 0.2824, 0.3648
CMYK	0.00, 0.05, 0.16, 0.24
HSL	41°, 20%, 70%
HSV	41°, 16%, 76%
XYZ	45.4500, 47.8131, 41.0057
YIQ	183.5960, 12.7010, -4.4110

Conversions

Conversions Part 2

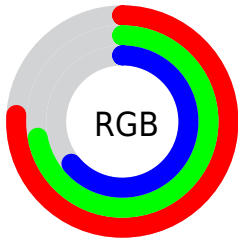
Format	Color
RYB	177, 193, 162
Decimal	12695458
CIELab	74.71, 0.01, 11.96
CIELCh	75, 11.961, 89.931
Yxy	47.8131, 0.3385, 0.3561
Android (android.graphics.Color)	4290885538 (0xFFC1B7A2)
YUV	183.5960, -10.6468, 8.2473
Hunter-Lab	69.1470, -3.6802, 13.2427

Details

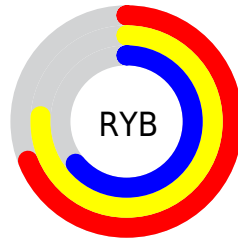
The Yxy color $47.8131, 0.3385, 0.3561$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.0364, 0.2875, 0.3003$, and the grayscale version is $47.7547, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0668, 0.3340, 0.3511$, and $22.5800, 0.3459, 0.3642$ is the 20% darker color. If you saturate the color by 10%, you get $44.6665, 0.3565, 0.3738$, and if you desaturate by 10%, it is $51.1832, 0.3220, 0.3390$.

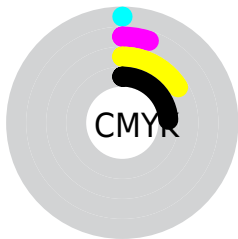
Distribution



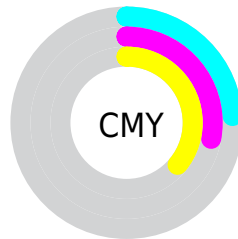
- Red (76%)
- Green (72%)
- Blue (64%)



- Red (69%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8131, 0.3385, 0.3561 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 47.8131, 0.3385, 0.3561 by changing the saturation by 10% instead.


 47.8131, 0.3385,
0.3561

 47.8131, 0.3385,
0.3561


378.0508, 0.3257,
0.3426

 33.6789, 0.3417,
0.3594


 86.9261, 0.3339,
0.3512

 22.6470, 0.3458,
0.3637


 112.6736, 0.3321,
0.3494

 14.3331, 0.3511,
0.3694


143.0611, 0.3306,
0.3478

 8.3527, 0.3586,
0.3772


178.4728, 0.3293,
0.3465

 4.3215, 0.3696,
0.3888

219.2933, 0.3282,
0.3453

 1.8550, 0.3872,
0.4072

265.9069, 0.3273,

 0.5211, 0.4875,

0.3443

0.5125

318.6979, 0.3264,
0.3434

0.0000, 0.0000,
0.0000

47.8131, 0.3385,
0.3561

47.8131, 0.3385,
0.3561

44.6665, 0.3565,
0.3738

51.1832, 0.3220,
0.3390

41.7307, 0.3759,
0.3914

54.7763, 0.3070,
0.3228

39.0012, 0.3962,
0.4085

58.6001, 0.2936,
0.3075

36.4709, 0.4169,
0.4239

62.6600, 0.2817,
0.2934

34.1321, 0.4372,
0.4367

66.7344, 0.2729,
0.2840

■ 31.9761, 0.4560,
0.4457

■ 69.9526, 0.2735,
0.2911

■ 29.9933, 0.4725,
0.4501

■ 73.2928, 0.2741,
0.2980

■ 28.1716, 0.4858,
0.4495

■ 76.7564, 0.2747,
0.3050

■ 27.4933, 0.4907,
0.4486

■ 80.3446, 0.2753,
0.3118

Harmonies

Analogous

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



47.8131, 0.3453, 0.3470



47.8131, 0.3385, 0.3561



47.8131, 0.3248, 0.3579

Triad

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



47.8131, 0.3385, 0.3561



47.8131, 0.2833, 0.3231



47.8131, 0.3166, 0.3080

Complementary

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



47.8131, 0.3385, 0.3561



41.0364, 0.2875, 0.3003

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.



47.8131, 0.3001, 0.3017



47.8131, 0.3385, 0.3561



47.8131, 0.2812, 0.3099

Square

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



47.8131, 0.3385, 0.3561



47.8131, 0.2931, 0.3385



47.8131, 0.2872, 0.3022



47.8131, 0.3324, 0.3195

Rectangle

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



47.8131, 0.3385, 0.3561



47.8131, 0.3138, 0.3545



47.8131, 0.2872, 0.3022



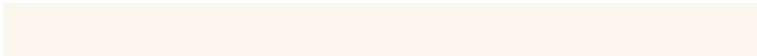
47.8131, 0.3109, 0.3052

Sweetspot

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



47.8152, 0.3385, 0.3561



92.2736, 0.3204, 0.3373



40.1651, 0.3331, 0.3156



19.7007, 0.3215, 0.3385



97.7402, 0.3127, 0.3290



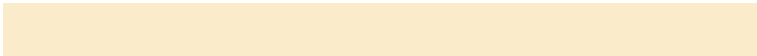
20.4902, 0.3127, 0.3290

Same Dimension

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



47.8152, 0.3385, 0.3561



83.7605, 0.3441, 0.3617



51.4299, 0.3321, 0.3690



11.1923, 0.3272, 0.3445



18.4316, 0.4895, 0.4495



0.9169, 0.4702, 0.4648

Inverse Universe

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



41.0364, 0.2875, 0.3003



69.5236, 0.2821, 0.2940



37.9170, 0.2914, 0.2868



10.2671, 0.2984, 0.3130



5.0051, 0.1631, 0.1071



0.3432, 0.1761, 0.1538

Previews

White Background



This preview shows how the Yxy color 47.8131, 0.3385, 0.3561 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 47.8131, 0.3385, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

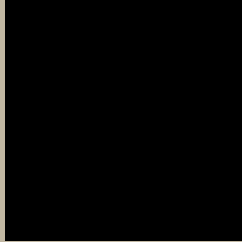
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

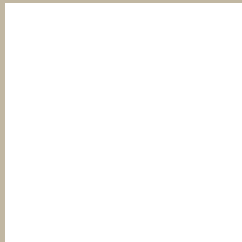
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8131, 0.3385, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 47.8131, 0.3385, 0.3561.



This preview shows how white text looks on a background with the Yxy color 47.8131, 0.3385, 0.3561.

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

47.8131, 0.3385, 0.3561

Protanopia

47.6821, 0.3376, 0.3562

Deuteranopia

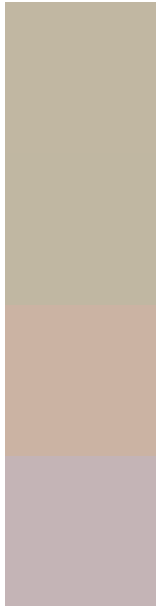
47.6439, 0.3535, 0.3464



Tritanopia

47.9608, 0.3170, 0.3117

Trichromacy



Original Color

47.8131, 0.3385, 0.3561

Protanomaly

47.6821, 0.3376, 0.3562

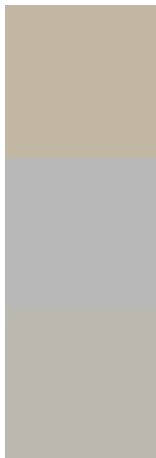
Deuteranomaly

47.5811, 0.3475, 0.3491

Tritanomaly

47.7557, 0.3250, 0.3265

Monochromacy



Original Color

47.8131, 0.3385, 0.3561

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9804, 0.3216, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8131, 0.3385, 0.3561 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(193, 183, 162)` looks like.

```
.text, #text, p{  
    color:rgb(193, 183, 162)  
}
```

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(193, 183, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 183, 162) }
```

Border

The CSS property to change the border of an element to Yxy 47.8131, 0.3385, 0.3561 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(193, 183, 162) }
```

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

```
.border{ border-color:rgb(193, 183, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 183, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 183, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 183, 162);  
box-shadow:4px 4px 4px 4px rgb(193, 183,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8131, 0.3385, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 183, 162) }
```

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

```
.background{ background-color: rgb(193,  
183, 162) }
```

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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