

Converting Colors

$Yxy(47.6683, 0.3506, 0.3656)$

Have a look what the booklet for
Yxy(47.6683, 0.3506, 0.3656)
contains.

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Color

Yxy(47.7616, 0.3508, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	C6B699
RGB	198, 182, 153
RGB Percent	78%, 71%, 60%
CMY	0.2235, 0.2863, 0.4001
CMYK	0.00, 0.08, 0.23, 0.22
HSL	39°, 28%, 69%
HSV	39°, 23%, 78%
XYZ	45.7656, 47.7616, 36.9334
YIQ	183.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

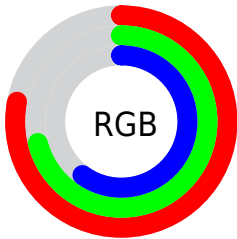
Format	Color
RYB	178, 198, 153
Decimal	13022873
CIELab	74.67, 1.06, 16.85
CIELCh	75, 16.887, 86.409
Yxy	47.7616, 0.3508, 0.3661
Android (android.graphics.Color)	4291212953 (0xFFC6B699)
YUV	183.4780, -15.0257, 12.7358
Hunter-Lab	69.1098, -2.7366, 16.6913

Details

The Yxy color **47.7616, 0.3508, 0.3661** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2144, 0.2763, 0.2889**, and the grayscale version is **47.7070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9141, 0.3441, 0.3600**, and **22.5891, 0.3618, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **44.3532, 0.3702, 0.3831**, and if you desaturate by 10%, it is **51.4277, 0.3330, 0.3493**.

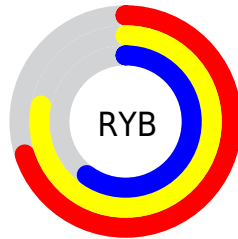
Distribution



Red (78%)

Green (71%)

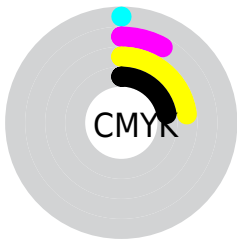
Blue (60%)



Red (70%)

Yellow (78%)

Blue (60%)

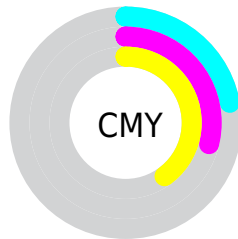


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7616, 0.3508, 0.3661 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 47.7616, 0.3508, 0.3661 by changing the saturation by 10% instead.


 47.7616, 0.3508,
0.3661

 47.7616, 0.3508,
0.3661


377.8464, 0.3319,
0.3477

 33.6381, 0.3555,
0.3706


 86.8493, 0.3439,
0.3595

 22.6157, 0.3615,
0.3764


 112.5824, 0.3414,
0.3570

 14.3100, 0.3693,
0.3839


142.9541, 0.3392,
0.3548

 8.3366, 0.3801,
0.3942

178.3489, 0.3373,
0.3530

 4.3111, 0.3958,
0.4090

219.1511, 0.3357,
0.3514

 1.8491, 0.4246,
0.4361

265.7452, 0.3342,

 0.5175, 0.5001,

0.3500

0.4999

318.5155, 0.3330,
0.3488

0.0000, 0.0000,
0.0000

47.7616, 0.3508,
0.3661

47.7616, 0.3508,
0.3661

44.3532, 0.3702,
0.3831

51.4277, 0.3330,
0.3493

41.1885, 0.3910,
0.3998

55.3520, 0.3168,
0.3333

38.2617, 0.4126,
0.4152

59.5434, 0.3024,
0.3181

35.5644, 0.4343,
0.4284

64.0083, 0.2895,
0.3039

33.0869, 0.4551,
0.4382

68.7528, 0.2780,
0.2909

■ 30.8190, 0.4739,
0.4435

■ 72.6544, 0.2769,
0.2956

■ 28.7483, 0.4898,
0.4438

■ 76.5195, 0.2775,
0.3034

■ 27.3540, 0.4997,
0.4414

■ 80.5430, 0.2781,
0.3111

■ 84.7266, 0.2787,
0.3187

Harmonies

Analogous

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



47.7616, 0.3591, 0.3520



47.7616, 0.3508, 0.3661



47.7616, 0.3322, 0.3705

Triad

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



47.7616, 0.3508, 0.3661



47.7616, 0.2726, 0.3228



47.7616, 0.3152, 0.2983

Complementary

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



47.7616, 0.3508, 0.3661



39.2144, 0.2763, 0.2889

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.



47.7616, 0.2923, 0.2905



47.7616, 0.3508, 0.3661



47.7616, 0.2684, 0.3036

Square

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



47.7616, 0.3508, 0.3661



47.7616, 0.2872, 0.3449



47.7616, 0.2754, 0.2921



47.7616, 0.3382, 0.3135

Rectangle

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



47.7616, 0.3508, 0.3661



47.7616, 0.3168, 0.3667



47.7616, 0.2754, 0.2921



47.7616, 0.3072, 0.2947

Sweetspot

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



47.7638, 0.3508, 0.3661



94.9232, 0.3237, 0.3402



37.6643, 0.3422, 0.3077



20.2261, 0.3247, 0.3412



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.



47.7638, 0.3508, 0.3661



81.7046, 0.3597, 0.3740



53.8957, 0.3416, 0.3861



11.7584, 0.3274, 0.3439



17.9545, 0.4983, 0.4425



0.9831, 0.4778, 0.4588

Inverse Universe

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



39.2144, 0.2763, 0.2889



64.0743, 0.2683, 0.2794



34.2215, 0.2798, 0.2669



10.8939, 0.2983, 0.3137



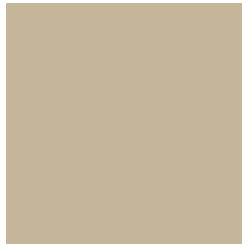
5.6762, 0.1654, 0.1153



0.4054, 0.1774, 0.1584

Previews

White Background



This preview shows how the Yxy color 47.7616, 0.3508, 0.3661 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 47.7616, 0.3508, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

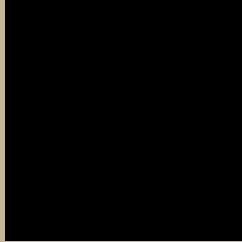
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7616, 0.3508, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 47.7616, 0.3508, 0.3661.

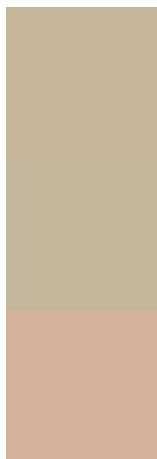


This preview shows how white text looks on a background with the Yxy color 47.7616, 0.3508, 0.3661.

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

47.7616, 0.3508, 0.3661

Protanopia

47.6694, 0.3460, 0.3665

Deuteranopia

47.7744, 0.3643, 0.3573



Tritanopia

47.9024, 0.3240, 0.3119

Trichromacy



Original Color

47.7616, 0.3508, 0.3661

Protanomaly

47.8022, 0.3469, 0.3663

Deuteranomaly

47.8387, 0.3590, 0.3602

Tritanomaly

47.8320, 0.3337, 0.3316

Monochromacy



Original Color

47.7616, 0.3508, 0.3661

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.5369, 0.3258, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7616, 0.3508, 0.3661 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, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 153)  
}
```

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, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 153) }
```

Border

The CSS property to change the border of an element to Yxy 47.7616, 0.3508, 0.3661 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, 182, 153) }
```

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

```
.border{ border-color:rgb(198, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(198, 182,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7616, 0.3508, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 182, 153) }
```

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

```
.background{ background-color: rgb(198,  
182, 153) }
```

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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