

Converting Colors

$Y_{xy}(47.5046, 0.3656, 0.3760)$

Have a look what the booklet for
Yxy(47.5046, 0.3656, 0.3760)
contains.

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Color

Yxy(47.4631, 0.3655, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	CCB48F
RGB	204, 180, 143
RGB Percent	80%, 71%, 56%
CMY	0.1999, 0.2941, 0.4392
CMYK	0.00, 0.12, 0.30, 0.20
HSL	36°, 37%, 68%
HSV	36°, 30%, 80%
XYZ	46.1868, 47.4631, 32.7162
YIQ	182.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

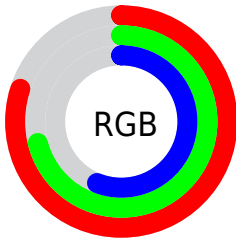
Format	Color
R_{YB}	183, 204, 143
Decimal	13415567
CIE _{Lab}	74.49, 3.07, 22.05
CIE _{LCh}	74, 22.265, 82.068
Yxy	47.4631, 0.3655, 0.3756
Android (android.graphics.Color)	4291605647 (0xFFCCB48F)
YUV	182.9580, -19.6993, 18.4538
Hunter-Lab	68.8935, -0.8956, 20.0698

Details

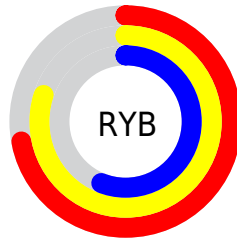
The Yxy color **47.4631, 0.3655, 0.3756** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8530, 0.2642, 0.2774**, and the grayscale version is **47.4318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2821, 0.3511, 0.3682**, and **22.3410, 0.3809, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **43.7513, 0.3867, 0.3916**, and if you desaturate by 10%, it is **51.4798, 0.3460, 0.3595**.

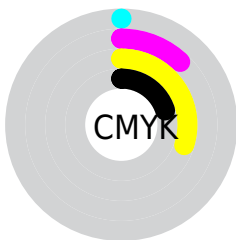
Distribution



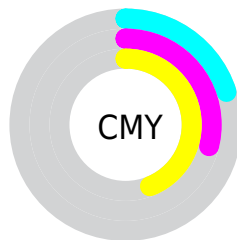
- Red (80%)
- Green (71%)
- Blue (56%)



- Red (72%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4631, 0.3655, 0.3756 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 47.4631, 0.3655, 0.3756 by changing the saturation by 10% instead.


 47.4631, 0.3655,
0.3756

 47.4631, 0.3655,
0.3756


376.6600, 0.3392,
0.3527

 33.4019, 0.3720,
0.3811


 86.4045, 0.3560,
0.3674

 22.4345, 0.3802,
0.3881


 112.0534, 0.3524,
0.3643

 14.1765, 0.3909,
0.3971


142.3338, 0.3494,
0.3616

 8.2435, 0.4055,
0.4091

177.6299, 0.3468,
0.3594

 4.2512, 0.4262,
0.4255

218.3262, 0.3445,
0.3574

 1.8150, 0.4780,
0.4692

264.8070, 0.3425,

 0.4965, 0.5242,

0.3556

0.4758

317.4569, 0.3408,
0.3541

0.0000, 0.0000,
0.0000

47.4631, 0.3655,
0.3756

47.4631, 0.3655,
0.3756

43.7513, 0.3867,
0.3916

51.4798, 0.3460,
0.3595

40.3286, 0.4092,
0.4066

55.8036, 0.3284,
0.3438

37.1873, 0.4323,
0.4198

60.4450, 0.3126,
0.3289

34.3166, 0.4551,
0.4299

65.4118, 0.2985,
0.3148

31.7047, 0.4764,
0.4358

70.7115, 0.2861,
0.3018

■ 29.3379, 0.4950,
0.4366

■ 75.6618, 0.2809,
0.3004

■ 27.1940, 0.5106,
0.4327

■ 80.1915, 0.2815,
0.3091

■ 27.1750, 0.5107,
0.4327

■ 84.9294, 0.2820,
0.3177

■ 89.8783, 0.2825,
0.3261

Harmonies

Analogous

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



47.4631, 0.3744, 0.3552



47.4631, 0.3655, 0.3756



47.4631, 0.3423, 0.3843

Triad

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



47.4631, 0.3655, 0.3756



47.4631, 0.2621, 0.3246



47.4631, 0.3112, 0.2869

Complementary

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



47.4631, 0.3655, 0.3756



37.8530, 0.2642, 0.2774

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.



47.4631, 0.2819, 0.2783



47.4631, 0.3655, 0.3756



47.4631, 0.2546, 0.2982

Square

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



47.4631, 0.3655, 0.3756



47.4631, 0.2827, 0.3541



47.4631, 0.2617, 0.2819



47.4631, 0.3422, 0.3053

Rectangle

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



47.4631, 0.3655, 0.3756



47.4631, 0.3223, 0.3811



47.4631, 0.2617, 0.2819



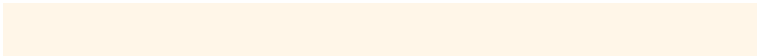
47.4631, 0.3008, 0.2828

Sweetspot

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



47.4653, 0.3655, 0.3756



92.9772, 0.3271, 0.3426



35.2939, 0.3525, 0.2981



19.6668, 0.3295, 0.3449



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.



47.4653, 0.3655, 0.3756



74.4944, 0.3792, 0.3861



57.1773, 0.3524, 0.4044



12.3262, 0.3275, 0.3430



17.2852, 0.5091, 0.4340



1.0370, 0.4870, 0.4515

Inverse Universe

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



37.8530, 0.2642, 0.2774



56.0375, 0.2529, 0.2639



30.4082, 0.2655, 0.2436



11.5567, 0.2983, 0.3146



6.5565, 0.1683, 0.1259



0.4850, 0.1793, 0.1655

Previews

White Background



This preview shows how the Yxy color 47.4631, 0.3655, 0.3756 looks on a white background.

Color Contrast Check

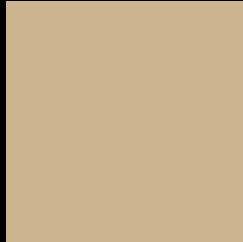
Large Text (above 18pt) WCAG AA × Fail

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 47.4631, 0.3655, 0.3756 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 47.4631, 0.3655, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 47.4631, 0.3655, 0.3756.



This preview shows how white text looks on a background with the Yxy color 47.4631, 0.3655, 0.3756.

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

47.4631, 0.3655, 0.3756

Protanopia

47.4827, 0.3553, 0.3794

Deuteranopia

47.3604, 0.3754, 0.3682



Tritanopia

47.4153, 0.3331, 0.3133

Trichromacy



Original Color

47.4631, 0.3655, 0.3756

Protanomaly

47.4753, 0.3584, 0.3777

Deuteranomaly

47.1595, 0.3713, 0.3699

Tritanomaly

47.2563, 0.3449, 0.3353

Monochromacy



Original Color

47.4631, 0.3655, 0.3756

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3594, 0.3319, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4631, 0.3655, 0.3756 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(204, 180, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 180, 143)  
}
```

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(204, 180, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 180, 143) }
```

Border

The CSS property to change the border of an element to Yxy 47.4631, 0.3655, 0.3756 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(204, 180, 143) }
```

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

```
.border{ border-color:rgb(204, 180, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 180, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 180, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 180, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 180,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4631, 0.3655, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 180, 143) }
```

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

```
.background{ background-color: rgb(204,  
180, 143) }
```

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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