

Converting Colors

$Yxy(46.7525, 0.3477, 0.3378)$

Have a look what the booklet for
Yxy(46.7525, 0.3477, 0.3378)
contains.

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Color

Yxy(46.7525, 0.3477, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	CFAFA8
RGB	207, 175, 168
RGB Percent	81%, 69%, 66%
CMY	0.1884, 0.3137, 0.3412
CMYK	0.00, 0.15, 0.19, 0.19
HSL	11°, 29%, 74%
HSV	11°, 19%, 81%
XYZ	48.1227, 46.7525, 43.5277
YIQ	183.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

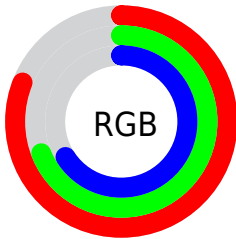
Format	Color
R_{YB}	207, 177, 168
Decimal	13610920
CIE _{Lab}	74.03, 10.45, 7.89
CIE _{LCh}	74, 13.093, 37.078
Yxy	46.7525, 0.3477, 0.3378
Android (android.graphics.Color)	4291801000 (0xFFCFafa8)
YUV	183.7700, -7.7746, 20.3727
Hunter-Lab	68.3758, 5.9701, 10.1193

Details

The Yxy color $46.7525, 0.3477, 0.3378$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.1086, 0.2842, 0.3200$, and the grayscale version is $47.8334, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7395, 0.3346, 0.3370$, and $22.1023, 0.3575, 0.3408$ is the 20% darker color. If you saturate the color by 10%, you get $39.8484, 0.3721, 0.3428$, and if you desaturate by 10%, it is $54.6133, 0.3275, 0.3330$.

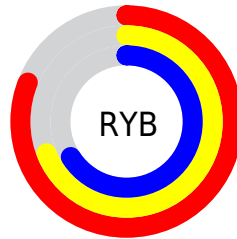
Distribution



Red (81%)

Green (69%)

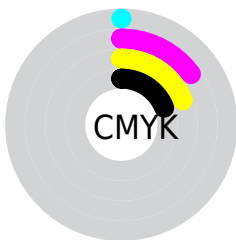
Blue (66%)



Red (81%)

Yellow (69%)

Blue (66%)

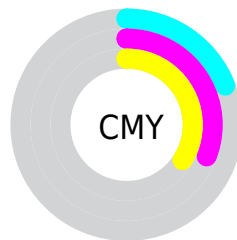


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7525, 0.3477, 0.3378 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 46.7525, 0.3477, 0.3378 by changing the saturation by 10% instead.


 46.7525, 0.3477,
0.3378


 46.7525, 0.3477,
0.3378


373.8257, 0.3301,
0.3336

 32.8400, 0.3521,
0.3388


 85.3441, 0.3413,
0.3363

 22.0039, 0.3578,
0.3400


 110.7920, 0.3389,
0.3358

 13.8598, 0.3655,
0.3415


140.8538, 0.3368,
0.3353

 8.0232, 0.3762,
0.3434

175.9139, 0.3351,
0.3349

 4.1098, 0.3923,
0.3460

216.3568, 0.3336,
0.3345

 1.7352, 0.4191,
0.3493

262.5668, 0.3323,

 0.4463, 0.6035,

0.3342

0.3965

314.9283, 0.3311,
0.3339

0.0000, 0.0000,
0.0000

46.7525, 0.3477,
0.3378

46.7525, 0.3477,
0.3378

39.8484, 0.3721,
0.3428

54.6133, 0.3275,
0.3330

33.8583, 0.4013,
0.3478

63.4589, 0.3109,
0.3285

28.7455, 0.4357,
0.3524

73.3243, 0.2972,
0.3244

24.4683, 0.4748,
0.3559

84.2405, 0.2859,
0.3206

20.9817, 0.5168,
0.3575

92.0010, 0.2843,
0.3289

■ 18.2363, 0.5582,
0.3563

■ 16.1771, 0.5938,
0.3518

■ 14.7369, 0.6196,
0.3449

■ 14.6040, 0.6221,
0.3442

Harmonies

Analogous

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



46.7525, 0.3380, 0.3221



46.7525, 0.3477, 0.3378



46.7525, 0.3477, 0.3518

Triad

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



46.7525, 0.3477, 0.3378



46.7525, 0.3034, 0.3509



46.7525, 0.2874, 0.2987

Complementary

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



46.7525, 0.3477, 0.3378



54.1086, 0.2842, 0.3200

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.



46.7525, 0.2788, 0.3052



46.7525, 0.3477, 0.3378



46.7525, 0.2878, 0.3354

Square

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



46.7525, 0.3477, 0.3378



46.7525, 0.3218, 0.3601



46.7525, 0.2790, 0.3185



46.7525, 0.3029, 0.3000

Rectangle

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



46.7525, 0.3477, 0.3378



46.7525, 0.3422, 0.3582



46.7525, 0.2790, 0.3185



46.7525, 0.2837, 0.3000

Sweetspot

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



46.7546, 0.3477, 0.3378



91.3111, 0.3226, 0.3317



45.4546, 0.3203, 0.2900



19.3495, 0.3238, 0.3320



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.



46.7546, 0.3477, 0.3378



69.8508, 0.3580, 0.3400



54.6608, 0.3436, 0.3606



12.1480, 0.3286, 0.3333



9.3039, 0.6201, 0.3458



0.6270, 0.5863, 0.3727

Inverse Universe

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



54.1086, 0.2842, 0.3200



83.9602, 0.2777, 0.3177



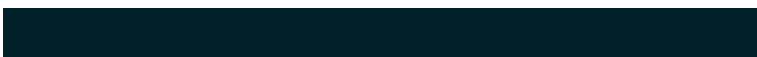
45.8679, 0.2828, 0.2953



13.0294, 0.2983, 0.3247



21.0023, 0.2085, 0.2707



1.2712, 0.2118, 0.2826

Previews

White Background



This preview shows how the Yxy color 46.7525, 0.3477, 0.3378 looks on a white background.

Color Contrast Check

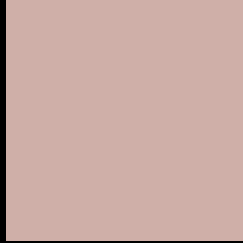
Large Text (above 18pt) WCAG AA × Fail

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 46.7525, 0.3477, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

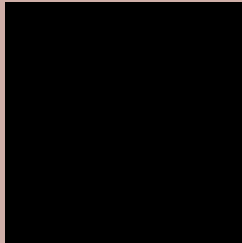
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7525, 0.3477, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 46.7525, 0.3477, 0.3378.



This preview shows how white text looks on a background with the Yxy color 46.7525, 0.3477, 0.3378.

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

46.7525, 0.3477, 0.3378

Protanopia

46.6794, 0.3269, 0.3420

Deuteranopia

46.8570, 0.3457, 0.3391



Tritanopia

46.6055, 0.3342, 0.3121

Trichromacy



Original Color

46.7525, 0.3477, 0.3378

Protanomaly

46.7446, 0.3343, 0.3406

Deuteranomaly

46.9996, 0.3466, 0.3390

Tritanomaly

46.5517, 0.3393, 0.3217

Monochromacy



Original Color

46.7525, 0.3477, 0.3378

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4686, 0.3247, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7525, 0.3477, 0.3378 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(207, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 168)  
}
```

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(207, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.7525, 0.3477, 0.3378 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(207, 175, 168) }
```

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

```
.border{ border-color:rgb(207, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7525, 0.3477, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 168) }
```

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

```
.background{ background-color: rgb(207,  
175, 168) }
```

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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