

Converting Colors

$Yxy(41.3796, 0.3482, 0.3229)$

Have a look what the booklet for
Yxy(41.3796, 0.3482, 0.3229)
contains.

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Color

Yxy(41.3272, 0.3477, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	CBA2A7
RGB	203, 162, 167
RGB Percent	80%, 64%, 65%
CMY	0.2041, 0.3646, 0.3451
CMYK	0.00, 0.20, 0.18, 0.20
HSL	353°, 28%, 72%
HSV	353°, 20%, 80%
XYZ	44.5151, 41.3272, 42.1850
YIQ	174.8290, 22.8310, 10.2470

Conversions

Conversions Part 2

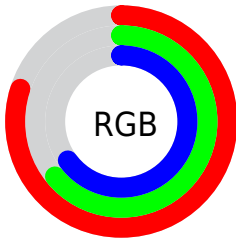
Format	Color
RYB	203, 162, 167
Decimal	13345447
CIELab	70.40, 15.86, 3.17
CIELCh	70, 16.174, 11.309
Yxy	41.3272, 0.3477, 0.3228
Android (android.graphics.Color)	4291535527 (0xFFCBA2A7)
YUV	174.8290, -3.8597, 24.7060
Hunter-Lab	64.2862, 11.1016, 6.0939

Details

The Yxy color $41.3272, 0.3477, 0.3228$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $54.4536, 0.2860, 0.3353$, and the grayscale version is $42.7875, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1596, 0.3371, 0.3240$, and $18.6856, 0.3582, 0.3205$ is the 20% darker color. If you saturate the color by 10%, you get $34.1305, 0.3716, 0.3195$, and if you desaturate by 10%, it is $49.7726, 0.3284, 0.3260$.

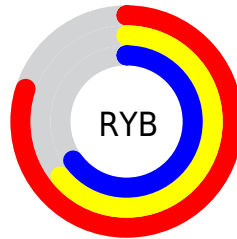
Distribution



Red (80%)

Green (64%)

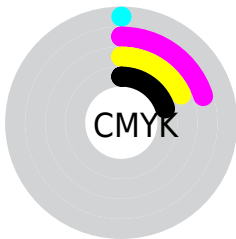
Blue (65%)



Red (80%)

Yellow (64%)

Blue (65%)

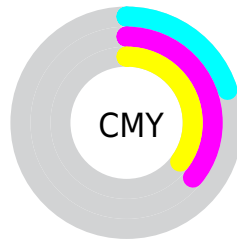


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3272, 0.3477, 0.3228 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 41.3272, 0.3477, 0.3228 by changing the saturation by 10% instead.

 41.3272, 0.3477,
0.3228


 41.3272, 0.3477,
0.3228


351.6863, 0.3298,
0.3261

 28.5748, 0.3523,
0.3219


 77.1803, 0.3411,
0.3241

 18.7594, 0.3583,
0.3207


 101.0499, 0.3386,
0.3245

 11.4966, 0.3665,
0.3190


129.3940, 0.3366,
0.3249

 6.4019, 0.3782,
0.3165

162.5971, 0.3348,
0.3252

 3.0910, 0.3964,
0.3124

201.0434, 0.3333,
0.3255

 1.1794, 0.4283,
0.3046

245.1175, 0.3320,

 0.0448, 0.9056,

0.3257

0.0944

295.2036, 0.3308,
0.3259

0.0000, 0.0000,
0.0000

41.3272, 0.3477,
0.3228

41.3272, 0.3477,
0.3228

34.1305, 0.3716,
0.3195

49.7726, 0.3284,
0.3260

28.1180, 0.4008,
0.3163

59.5162, 0.3130,
0.3290

23.2277, 0.4360,
0.3136

70.6116, 0.3005,
0.3317

19.3900, 0.4766,
0.3117

83.1076, 0.2904,
0.3342

16.5273, 0.5207,
0.3114

91.4309, 0.2821,
0.3289

■ 14.5513, 0.5640,
0.3132

■ 13.3578, 0.6007,
0.3173

■ 12.7596, 0.6259,
0.3222

Harmonies

Analogous

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



41.3272, 0.3271, 0.3050



41.3272, 0.3477, 0.3228



41.3272, 0.3587, 0.3427

Triad

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



41.3272, 0.3477, 0.3228



41.3272, 0.3209, 0.3684



41.3272, 0.2703, 0.2966

Complementary

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



41.3272, 0.3477, 0.3228



54.4536, 0.2860, 0.3353

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.



41.3272, 0.2688, 0.3124



41.3272, 0.3477, 0.3228



41.3272, 0.2975, 0.3550

Square

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



41.3272, 0.3477, 0.3228



41.3272, 0.3427, 0.3699



41.3272, 0.2786, 0.3340



41.3272, 0.2826, 0.2899

Rectangle

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



41.3272, 0.3477, 0.3228



41.3272, 0.3589, 0.3549



41.3272, 0.2786, 0.3340



41.3272, 0.2685, 0.3010

Sweetspot

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



41.3291, 0.3477, 0.3228



89.7879, 0.3217, 0.3272



42.0965, 0.3101, 0.2786



18.9910, 0.3228, 0.3270



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.



41.3291, 0.3477, 0.3228



63.9824, 0.3570, 0.3215



46.7576, 0.3488, 0.3480



11.2355, 0.3271, 0.3262



8.1309, 0.6237, 0.3209



0.4270, 0.5821, 0.2980

Inverse Universe

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



41.3291, 0.3477, 0.3228



63.9824, 0.3570, 0.3215



47.9385, 0.2816, 0.3092



11.2355, 0.3271, 0.3262



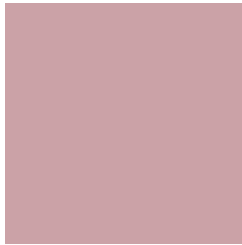
8.1309, 0.6237, 0.3209



0.4270, 0.5821, 0.2980

Previews

White Background



This preview shows how the Yxy color 41.3272, 0.3477, 0.3228 looks on a white background.

Color Contrast Check

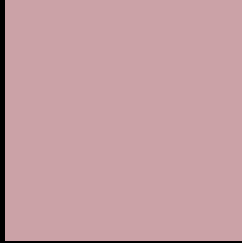
Large Text (above 18pt) WCAG AA × Fail

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 41.3272, 0.3477, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

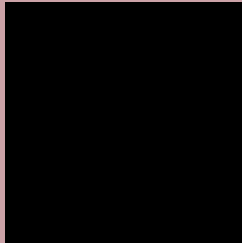
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3272, 0.3477, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 41.3272, 0.3477, 0.3228.



This preview shows how white text looks on a background with the Yxy color 41.3272, 0.3477, 0.3228.

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

41.3272, 0.3477, 0.3228

Protanopia

41.5976, 0.3154, 0.3290

Deuteranopia

41.4670, 0.3361, 0.3304



Tritanopia

41.3442, 0.3432, 0.3140

Trichromacy



Original Color

41.3272, 0.3477, 0.3228

Protanomaly

41.2218, 0.3267, 0.3264

Deuteranomaly

41.2655, 0.3403, 0.3278

Tritanomaly

41.2674, 0.3451, 0.3165

Monochromacy



Original Color

41.3272, 0.3477, 0.3228

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0423, 0.3247, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3272, 0.3477, 0.3228 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(203, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(203, 162, 167)  
}
```

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(203, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 162, 167) }
```

Border

The CSS property to change the border of an element to Yxy 41.3272, 0.3477, 0.3228 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(203, 162, 167) }
```

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

```
.border{ border-color:rgb(203, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(203, 162,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3272, 0.3477, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 162, 167) }
```

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

```
.background{ background-color: rgb(203,  
162, 167) }
```

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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