

Converting Colors

$Yxy(42.3675, 0.3300, 0.3289)$

Have a look what the booklet for
Yxy(42.3675, 0.3300, 0.3289)
contains.

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Color

Yxy(42.4705, 0.3302, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	BDAAAA
RGB	189, 170, 170
RGB Percent	74%, 67%, 67%
CMY	0.2589, 0.3333, 0.3334
CMYK	0.00, 0.10, 0.10, 0.26
HSL	0°, 13%, 70%
HSV	0°, 10%, 74%
XYZ	42.6125, 42.4705, 43.9675
YIQ	175.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

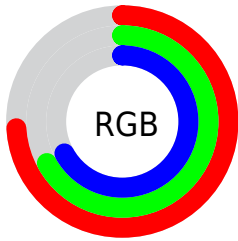
Format	Color
RYB	189, 170, 170
Decimal	12429994
CIELab	71.19, 6.84, 2.51
CIELCh	71, 7.289, 20.124
Yxy	42.4705, 0.3302, 0.3291
Android (android.graphics.Color)	4290620074 (0xFFBDAAAA)
YUV	175.6810, -2.8007, 11.6808
Hunter-Lab	65.1694, 2.6697, 5.6177

Details

The Yxy color $42.4705, 0.3302, 0.3291$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.5907, 0.2974, 0.3289$, and the grayscale version is $43.2513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6991, 0.3268, 0.3290$, and $19.4991, 0.3359, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $35.2361, 0.3519, 0.3292$, and if you desaturate by 10%, it is $50.8259, 0.3128, 0.3290$.

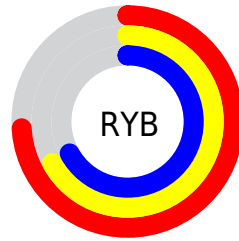
Distribution



Red (74%)

Green (67%)

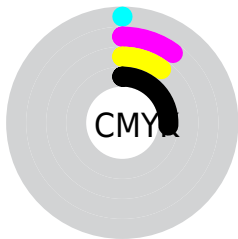
Blue (67%)



Red (74%)

Yellow (67%)

Blue (67%)

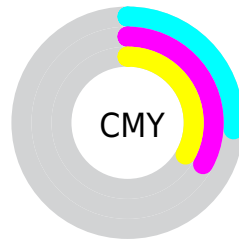


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4705, 0.3302, 0.3291 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 42.4705, 0.3302, 0.3291 by changing the saturation by 10% instead.


 42.4705, 0.3302,
0.3291


 42.4705, 0.3302,
0.3291


356.4297, 0.3213,
0.3291

 29.4699, 0.3325,
0.3291


 78.9112, 0.3269,
0.3291

 19.4366, 0.3354,
0.3290


 103.1201, 0.3257,
0.3291

 11.9862, 0.3395,
0.3290


131.8339, 0.3247,
0.3291

 6.7343, 0.3452,
0.3289

165.4369, 0.3238,
0.3291

 3.2965, 0.3540,
0.3286

204.3136, 0.3230,
0.3291

 1.2884, 0.3694,
0.3279

248.8484, 0.3224,

 0.1322, 0.6889,

0.3291

0.3111

299.4256, 0.3218,
0.3291

0.0000, 0.0000,
0.0000

42.4705, 0.3302,
0.3291

42.4705, 0.3302,
0.3291

35.2361, 0.3519,
0.3292

50.8259, 0.3128,
0.3290

29.0697, 0.3790,
0.3294

60.3413, 0.2989,
0.3289

23.9225, 0.4123,
0.3295

71.0605, 0.2877,
0.3288

19.7396, 0.4522,
0.3297

83.0236, 0.2786,
0.3288

16.4611, 0.4976,
0.3298

89.5575, 0.2747,
0.3289

■ 14.0202, 0.5453,
0.3300

■ 12.3410, 0.5890,
0.3301

■ 11.3339, 0.6213,
0.3301

■ 10.8259, 0.6399,
0.3301

Harmonies

Analogous

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



42.4705, 0.3222, 0.3203



42.4705, 0.3302, 0.3291



42.4705, 0.3334, 0.3381

Triad

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



42.4705, 0.3302, 0.3291



42.4705, 0.3134, 0.3449



42.4705, 0.2947, 0.3131

Complementary

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



42.4705, 0.3302, 0.3291



48.5907, 0.2974, 0.3289

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.



42.4705, 0.2924, 0.3194



42.4705, 0.3302, 0.3291



42.4705, 0.3032, 0.3380

Square

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



42.4705, 0.3302, 0.3291



42.4705, 0.3236, 0.3474



42.4705, 0.2955, 0.3285



42.4705, 0.3017, 0.3111

Rectangle

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



42.4705, 0.3302, 0.3291



42.4705, 0.3324, 0.3429



42.4705, 0.2955, 0.3285



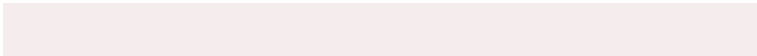
42.4705, 0.2933, 0.3148

Sweetspot

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



42.4724, 0.3302, 0.3291



86.3592, 0.3176, 0.3290



43.2302, 0.3139, 0.3046



18.3058, 0.3190, 0.3290



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.4724, 0.3302, 0.3291



73.1525, 0.3344, 0.3291



46.1521, 0.3288, 0.3414



9.5394, 0.3288, 0.3291



7.2863, 0.6399, 0.3301



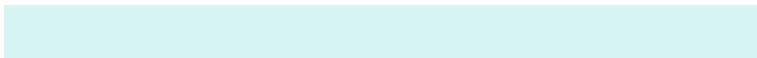
0.2865, 0.6392, 0.3307

Inverse Universe

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



48.5907, 0.2974, 0.3289



86.2392, 0.2943, 0.3289



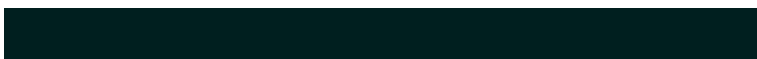
44.6500, 0.2973, 0.3163



10.8061, 0.2985, 0.3289



26.8494, 0.2245, 0.3281



1.0528, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 42.4705, 0.3302, 0.3291 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 42.4705, 0.3302, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

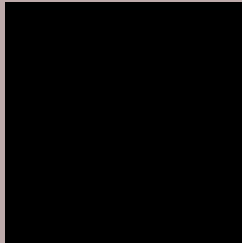
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4705, 0.3302, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 42.4705, 0.3302, 0.3291.



This preview shows how white text looks on a background with the Yxy color 42.4705, 0.3302, 0.3291.

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

42.4705, 0.3302, 0.3291

Protanopia

42.7156, 0.3179, 0.3317

Deuteranopia

42.6157, 0.3341, 0.3278



Tritanopia

42.4178, 0.3227, 0.3123

Trichromacy



Original Color

42.4705, 0.3302, 0.3291

Protanomaly

42.7725, 0.3225, 0.3317

Deuteranomaly

42.4847, 0.3331, 0.3278

Tritanomaly

42.4974, 0.3251, 0.3186

Monochromacy



Original Color

42.4705, 0.3302, 0.3291

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1519, 0.3190, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4705, 0.3302, 0.3291 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(189, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 170)  
}
```

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(189, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 170) }
```

Border

The CSS property to change the border of an element to Yxy 42.4705, 0.3302, 0.3291 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(189, 170, 170) }
```

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

```
.border{ border-color:rgb(189, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4705, 0.3302, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 170) }
```

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

```
.background{ background-color: rgb(189,  
170, 170) }
```

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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