

Converting Colors

$Y_{xy}(42.6932, 0.3292, 0.3184)$

Have a look what the booklet for
Yxy(42.6932, 0.3292, 0.3184)
contains.

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Color

Yxy(42.6489, 0.3289, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	C2A8B1
RGB	194, 168, 177
RGB Percent	76%, 66%, 69%
CMY	0.2393, 0.3411, 0.3059
CMYK	0.00, 0.13, 0.09, 0.24
HSL	339°, 18%, 71%
HSV	339°, 13%, 76%
XYZ	44.1802, 42.6489, 47.4981
YIQ	176.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

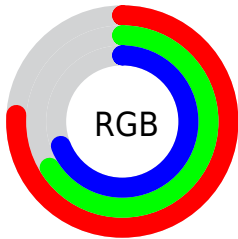
Format	Color
RYB	194, 168, 177
Decimal	12757169
CIELab	71.32, 10.95, -1.14
CIELCh	71, 11.014, 354.071
Yxy	42.6489, 0.3289, 0.3175
Android (android.graphics.Color)	4290947249 (0xFFC2A8B1)
YUV	176.8000, 0.0986, 15.0844
Hunter-Lab	65.3061, 6.4713, 2.5918

Details

The Yxy color **42.6489, 0.3289, 0.3175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3981, 0.2988, 0.3408**, and the grayscale version is **43.8499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1678, 0.3259, 0.3190**, and **19.5215, 0.3340, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **35.5317, 0.3442, 0.3084**, and if you desaturate by 10%, it is **50.8852, 0.3164, 0.3262**.

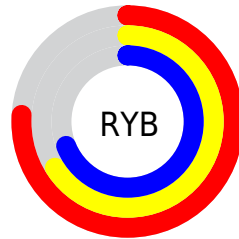
Distribution



Red (76%)

Green (66%)

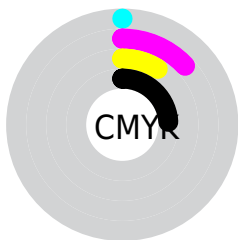
Blue (69%)



Red (76%)

Yellow (66%)

Blue (69%)

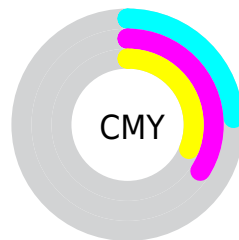


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6489, 0.3289, 0.3175 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 42.6489, 0.3289, 0.3175 by changing the saturation by 10% instead.


 42.6489, 0.3289,
0.3175

 42.6489, 0.3289,
0.3175


357.1659, 0.3207,
0.3233

 29.6097, 0.3310,
0.3160


 79.1808, 0.3259,
0.3196

 19.5426, 0.3337,
0.3141


 103.4423, 0.3248,
0.3204

 12.0630, 0.3373,
0.3116


132.2133, 0.3238,
0.3211

 6.7866, 0.3425,
0.3080

165.8783, 0.3230,
0.3217

 3.3290, 0.3504,
0.3025

204.8217, 0.3223,
0.3222

 1.3058, 0.3639,
0.2932

249.4278, 0.3217,

 0.1457, 0.5140,

0.3226

0.1845

300.0811, 0.3212,
0.3230

0.0000, 0.0000,
0.0000

42.6489, 0.3289,
0.3175

42.6489, 0.3289,
0.3175

35.5317, 0.3442,
0.3084

50.8852, 0.3164,
0.3262

29.4795, 0.3627,
0.2990

60.2803, 0.3062,
0.3343

24.4422, 0.3849,
0.2899

70.8791, 0.2978,
0.3418

20.3635, 0.4112,
0.2818

82.7221, 0.2910,
0.3486

17.1813, 0.4412,
0.2755

89.3008, 0.2847,
0.3445

■ 14.8265, 0.4741,
0.2725

■ 90.0828, 0.2782,
0.3309

■ 13.2194, 0.5080,
0.2737

■ 90.2051, 0.2773,
0.3289

■ 12.2644, 0.5403,
0.2799

■ 11.8721, 0.5600,
0.2859

Harmonies

Analogous

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



42.6489, 0.3133, 0.3072



42.6489, 0.3289, 0.3175



42.6489, 0.3403, 0.3308

Triad

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



42.6489, 0.3289, 0.3175



42.6489, 0.3272, 0.3569



42.6489, 0.2823, 0.3129

Complementary

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



42.6489, 0.3289, 0.3175



50.3981, 0.2988, 0.3408

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.



42.6489, 0.2859, 0.3262



42.6489, 0.3289, 0.3175



42.6489, 0.3115, 0.3522

Square

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



42.6489, 0.3289, 0.3175



42.6489, 0.3393, 0.3537



42.6489, 0.2965, 0.3408



42.6489, 0.2866, 0.3043

Rectangle

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



42.6489, 0.3289, 0.3175



42.6489, 0.3438, 0.3398



42.6489, 0.2965, 0.3408



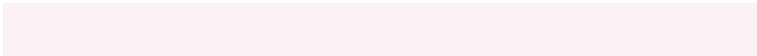
42.6489, 0.2826, 0.3169

Sweetspot

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



42.6508, 0.3289, 0.3175



91.1380, 0.3172, 0.3256



42.2049, 0.3062, 0.2956



19.6940, 0.3181, 0.3250



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.



42.6508, 0.3289, 0.3175



73.3888, 0.3330, 0.3149



43.7634, 0.3363, 0.3341



10.1342, 0.3236, 0.3211



7.8225, 0.5565, 0.2840



0.3511, 0.4935, 0.2492

Inverse Universe

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



42.6508, 0.3289, 0.3175



73.3888, 0.3330, 0.3149



49.0798, 0.2924, 0.3238



10.1342, 0.3236, 0.3211



7.8225, 0.5565, 0.2840



0.3511, 0.4935, 0.2492

Previews

White Background



This preview shows how the Yxy color 42.6489, 0.3289, 0.3175 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 42.6489, 0.3289, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

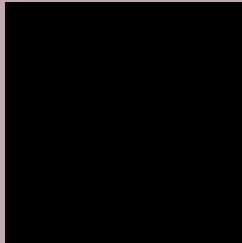
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6489, 0.3289, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 42.6489, 0.3289, 0.3175.



This preview shows how white text looks on a background with the Yxy color 42.6489, 0.3289, 0.3175.

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

42.6489, 0.3289, 0.3175

Protanopia

42.7975, 0.3096, 0.3210

Deuteranopia

42.6266, 0.3260, 0.3187



Tritanopia

42.4430, 0.3255, 0.3111

Trichromacy



Original Color

42.6489, 0.3289, 0.3175

Protanomaly

42.8270, 0.3167, 0.3198

Deuteranomaly

42.7567, 0.3270, 0.3187

Tritanomaly

42.4021, 0.3264, 0.3124

Monochromacy



Original Color

42.6489, 0.3289, 0.3175

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5137, 0.3182, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6489, 0.3289, 0.3175 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(194, 168, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 177)  
}
```

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(194, 168, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 177) }
```

Border

The CSS property to change the border of an element to Yxy 42.6489, 0.3289, 0.3175 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(194, 168, 177) }
```

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

```
.border{ border-color:rgb(194, 168, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6489, 0.3289, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 177) }
```

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

```
.background{ background-color: rgb(194,  
168, 177) }
```

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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