

Converting Colors

$Y_{xy}(42.2666, 0.3277, 0.3140)$

Have a look what the booklet for
Yxy(42.2666, 0.3277, 0.3140)
contains.

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Color

Yxy(42.3614, 0.3273, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	C2A7B3
RGB	194, 167, 179
RGB Percent	76%, 65%, 70%
CMY	0.2391, 0.3451, 0.2979
CMYK	0.00, 0.14, 0.08, 0.24
HSL	333°, 18%, 71%
HSV	333°, 14%, 76%
XYZ	44.2120, 42.3614, 48.5076
YIQ	176.4410, 12.2400, 9.4560

Conversions

Conversions Part 2

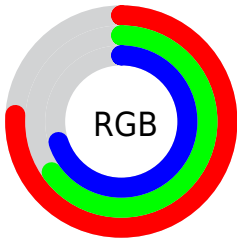
Format	Color
RYB	194, 167, 179
Decimal	12756915
CIELab	71.12, 11.90, -2.54
CIElCh	71, 12.164, 347.930
Yxy	42.3614, 0.3273, 0.3136
Android (android.graphics.Color)	4290946995 (0xFFC2A7B3)
YUV	176.4410, 1.2616, 15.3992
Hunter-Lab	65.0856, 7.3534, 1.3718

Details

The Yxy color **42.3614, 0.3273, 0.3136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1907, 0.3002, 0.3449**, and the grayscale version is **43.6500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7499, 0.3247, 0.3160**, and **19.3433, 0.3317, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **35.3609, 0.3404, 0.3019**, and if you desaturate by 10%, it is **50.4663, 0.3164, 0.3248**.

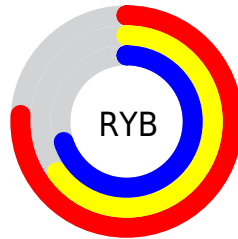
Distribution



Red (76%)

Green (65%)

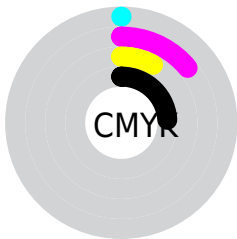
Blue (70%)



Red (76%)

Yellow (65%)

Blue (70%)

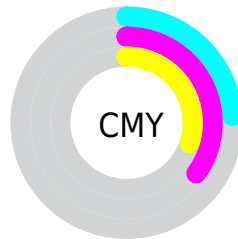


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3614, 0.3273, 0.3136 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 42.3614, 0.3273, 0.3136 by changing the saturation by 10% instead.


 42.3614, 0.3273,
0.3136


 42.3614, 0.3273,
0.3136


355.9789, 0.3199,
0.3214

 29.3844, 0.3292,
0.3117


 78.7463, 0.3246,
0.3164

 19.3718, 0.3316,
0.3091


 102.9230, 0.3236,
0.3175

 11.9392, 0.3348,
0.3058


131.6016, 0.3227,
0.3184

 6.7023, 0.3394,
0.3010

165.1667, 0.3220,
0.3191

 3.2766, 0.3464,
0.2939

204.0026, 0.3214,
0.3198

 1.2778, 0.3583,
0.2819

248.4936, 0.3208,

 0.1239, 0.4831,

0.3204

0.1467

299.0243, 0.3204,
0.3209

0.0000, 0.0000,
0.0000

42.3614, 0.3273,
0.3136

42.3614, 0.3273,
0.3136

35.3609, 0.3404,
0.3019

50.4663, 0.3164,
0.3248

29.4111, 0.3562,
0.2900

59.7151, 0.3075,
0.3353

24.4620, 0.3749,
0.2783

70.1522, 0.3001,
0.3450

20.4577, 0.3967,
0.2678

81.8182, 0.2941,
0.3539

17.3363, 0.4214,
0.2594

88.8694, 0.2886,
0.3528

■ 15.0286, 0.4484,
0.2545

■ 89.5033, 0.2831,
0.3410

■ 13.4550, 0.4765,
0.2541

■ 90.1754, 0.2776,
0.3295

■ 12.5194, 0.5039,
0.2590

■ 90.2139, 0.2773,
0.3289

■ 12.1516, 0.5199,
0.2638

Harmonies

Analogous

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



42.3614, 0.3096, 0.3033



42.3614, 0.3273, 0.3136



42.3614, 0.3413, 0.3278

Triad

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



42.3614, 0.3273, 0.3136



42.3614, 0.3320, 0.3599



42.3614, 0.2792, 0.3138

Complementary

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



42.3614, 0.3273, 0.3136



50.1907, 0.3002, 0.3449

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.



42.3614, 0.2849, 0.3292



42.3614, 0.3273, 0.3136



42.3614, 0.3150, 0.3566

Square

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



42.3614, 0.3273, 0.3136



42.3614, 0.3439, 0.3546



42.3614, 0.2978, 0.3451



42.3614, 0.2822, 0.3030

Rectangle

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



42.3614, 0.3273, 0.3136



42.3614, 0.3464, 0.3379



42.3614, 0.2978, 0.3451



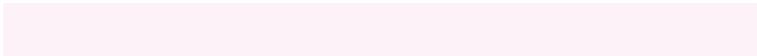
42.3614, 0.2802, 0.3186

Sweetspot

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



42.3633, 0.3273, 0.3136



91.1995, 0.3166, 0.3246



41.4588, 0.3035, 0.2939



19.7099, 0.3173, 0.3238



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.



42.3633, 0.3273, 0.3136



72.2795, 0.3314, 0.3098



42.3952, 0.3379, 0.3308



10.1507, 0.3221, 0.3188



8.0021, 0.5167, 0.2620



0.3596, 0.4621, 0.2319

Inverse Universe

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



42.3633, 0.3273, 0.3136



72.2795, 0.3314, 0.3098



50.1107, 0.2917, 0.3272



10.1507, 0.3221, 0.3188



8.0021, 0.5167, 0.2620



0.3596, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 42.3614, 0.3273, 0.3136 looks on a white background.

Color Contrast Check

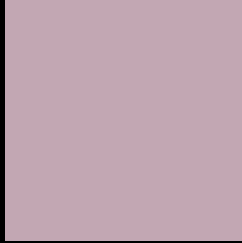
Large Text (above 18pt) WCAG AA × Fail

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 42.3614, 0.3273, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

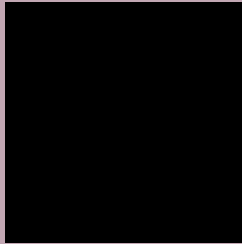
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3614, 0.3273, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 42.3614, 0.3273, 0.3136.



This preview shows how white text looks on a background with the Yxy color 42.3614, 0.3273, 0.3136.

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

42.3614, 0.3273, 0.3136

Protanopia

42.4200, 0.3063, 0.3156

Deuteranopia

42.4494, 0.3224, 0.3160



Tritanopia

42.4021, 0.3264, 0.3124

Trichromacy



Original Color

42.3614, 0.3273, 0.3136

Protanomaly

42.4483, 0.3134, 0.3145

Deuteranomaly

42.3363, 0.3244, 0.3148

Tritanomaly

42.4021, 0.3264, 0.3124

Monochromacy



Original Color

42.3614, 0.3273, 0.3136

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1287, 0.3183, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3614, 0.3273, 0.3136 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, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 179)  
}
```

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, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.3614, 0.3273, 0.3136 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, 167, 179) }
```

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

```
.border{ border-color:rgb(194, 167, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3614, 0.3273, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 179) }
```

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

```
.background{ background-color: rgb(194,  
167, 179) }
```

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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