

Converting Colors

Yxy(44.6047, 0.3343, 0.3189)

Have a look what the booklet for
Yxy(44.6047, 0.3343, 0.3189)
contains.

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Color

Yxy(44.5204, 0.3352, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	CAAAB2
RGB	202, 170, 178
RGB Percent	79%, 67%, 70%
CMY	0.2078, 0.3333, 0.3021
CMYK	0.00, 0.16, 0.12, 0.21
HSL	345°, 23%, 73%
HSV	345°, 16%, 79%
XYZ	46.7667, 44.5204, 48.2316
YIQ	180.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

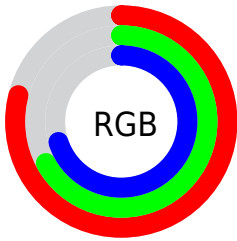
Format	Color
RYB	202, 170, 178
Decimal	13281970
CIELab	72.57, 12.94, 0.26
CIELCh	73, 12.946, 1.134
Yxy	44.5204, 0.3352, 0.3191
Android (android.graphics.Color)	4291472050 (0xFFCAAAB2)
YUV	180.4800, -1.2226, 18.8730
Hunter-Lab	66.7236, 8.3445, 3.8484

Details

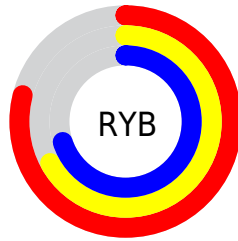
The Yxy color **44.5204, 0.3352, 0.3191** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6884, 0.2942, 0.3391**, and the grayscale version is **45.9139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0509, 0.3279, 0.3201**, and **20.7334, 0.3427, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **36.9452, 0.3537, 0.3124**, and if you desaturate by 10%, it is **53.3307, 0.3202, 0.3255**.

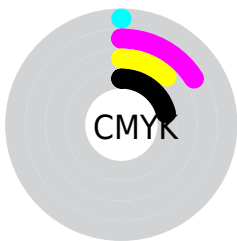
Distribution



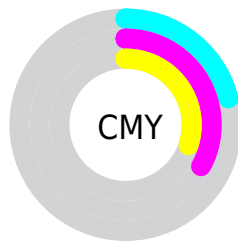
- Red (79%)
- Green (67%)
- Blue (70%)



- Red (79%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (21%)




- Cyan (21%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5204, 0.3352, 0.3191 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 44.5204, 0.3352, 0.3191 by changing the saturation by 10% instead.


 44.5204, 0.3352,
0.3191

 44.5204, 0.3352,
0.3191

364.8277, 0.3239,
0.3241

 31.0798, 0.3381,
0.3178


 82.0002, 0.3311,
0.3209

 20.6596, 0.3418,
0.3162


106.8083, 0.3295,
0.3216

 12.8754, 0.3467,
0.3140


136.1744, 0.3282,
0.3222

 7.3428, 0.3537,
0.3109

170.4827, 0.3271,
0.3227

 3.6774, 0.3644,
0.3061

210.1179, 0.3261,
0.3231

 1.4948, 0.3824,
0.2981

255.4641, 0.3253,

 0.2851, 0.5040,

0.3235

0.2448

306.9059, 0.3245,
0.3238

0.0000, 0.0000,
0.0000

44.5204, 0.3352,
0.3191

44.5204, 0.3352,
0.3191

36.9452, 0.3537,
0.3124

53.3307, 0.3202,
0.3255

30.5440, 0.3763,
0.3057

63.4219, 0.3079,
0.3314

25.2595, 0.4036,
0.2993

74.8445, 0.2980,
0.3369

21.0270, 0.4358,
0.2939

87.6447, 0.2899,
0.3419

17.7755, 0.4723,
0.2906

91.2229, 0.2822,
0.3301

■ 15.4246, 0.5112,
0.2903

■ 91.2976, 0.2816,
0.3289

■ 13.8816, 0.5494,
0.2939

■ 13.0312, 0.5826,
0.3015

■ 12.7903, 0.5948,
0.3050

Harmonies

Analogous

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



44.5204, 0.3177, 0.3062



44.5204, 0.3352, 0.3191



44.5204, 0.3467, 0.3347

Triad

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



44.5204, 0.3352, 0.3191



44.5204, 0.3254, 0.3610



44.5204, 0.2780, 0.3073

Complementary

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



44.5204, 0.3352, 0.3191



54.6884, 0.2942, 0.3391

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.



44.5204, 0.2799, 0.3217



44.5204, 0.3352, 0.3191



44.5204, 0.3069, 0.3535

Square

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



44.5204, 0.3352, 0.3191



44.5204, 0.3408, 0.3593



44.5204, 0.2904, 0.3388



44.5204, 0.2850, 0.2992

Rectangle

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



44.5204, 0.3352, 0.3191



44.5204, 0.3492, 0.3449



44.5204, 0.2904, 0.3388



44.5204, 0.2776, 0.3115

Sweetspot

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



44.5224, 0.3352, 0.3191



91.5316, 0.3191, 0.3260



44.4865, 0.3076, 0.2893



19.3464, 0.3201, 0.3255



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.



44.5224, 0.3352, 0.3191



70.7617, 0.3411, 0.3168



47.3034, 0.3408, 0.3391



11.2587, 0.3252, 0.3233



8.2419, 0.5915, 0.3032



0.4377, 0.5343, 0.2717

Inverse Universe

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



44.5224, 0.3352, 0.3191



70.7617, 0.3411, 0.3168



51.3981, 0.2885, 0.3187



11.2587, 0.3252, 0.3233



8.2419, 0.5915, 0.3032



0.4377, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 44.5204, 0.3352, 0.3191 looks on a white background.

Color Contrast Check

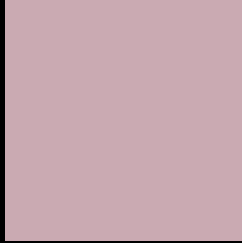
Large Text (above 18pt) WCAG AA × Fail

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 44.5204, 0.3352, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

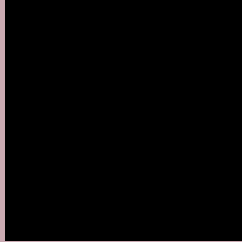
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5204, 0.3352, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 44.5204, 0.3352, 0.3191.



This preview shows how white text looks on a background with the Yxy color 44.5204, 0.3352, 0.3191.

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

44.5204, 0.3352, 0.3191

Protanopia

44.5250, 0.3113, 0.3224

Deuteranopia

44.4151, 0.3302, 0.3227



Tritanopia

44.4498, 0.3327, 0.3129

Trichromacy



Original Color

44.5204, 0.3352, 0.3191

Protanomaly

44.2997, 0.3194, 0.3200

Deuteranomaly

44.3059, 0.3322, 0.3215

Tritanomaly

44.4086, 0.3336, 0.3141

Monochromacy



Original Color

44.5204, 0.3352, 0.3191

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9967, 0.3208, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5204, 0.3352, 0.3191 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(202, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(202, 170, 178)  
}
```

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(202, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 170, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.5204, 0.3352, 0.3191 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(202, 170, 178) }
```

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

```
.border{ border-color:rgb(202, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(202, 170,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5204, 0.3352, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 170, 178) }
```

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

```
.background{ background-color: rgb(202,  
170, 178) }
```

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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