

Converting Colors

$Yxy(44.9187, 0.3446, 0.3280)$

Have a look what the booklet for
Yxy(44.9187, 0.3446, 0.3280)
contains.

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Color

Yxy(44.8115, 0.3452, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	CEAAAB
RGB	206, 170, 171
RGB Percent	81%, 67%, 67%
CMY	0.1922, 0.3333, 0.3295
CMYK	0.00, 0.17, 0.17, 0.19
HSL	358°, 27%, 74%
HSV	358°, 17%, 81%
XYZ	47.1758, 44.8115, 44.6748
YIQ	180.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

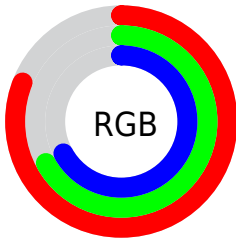
Format	Color
R _Y B	206, 170, 171
Decimal	13544107
CIE Lab	72.77, 13.26, 4.43
CIE LCh	73, 13.982, 18.480
Yxy	44.8115, 0.3452, 0.3279
Android (android.graphics.Color)	4291734187 (0xFFCEAAAB)
YUV	180.8780, -4.8699, 22.0320
Hunter-Lab	66.9414, 8.6473, 7.2905

Details

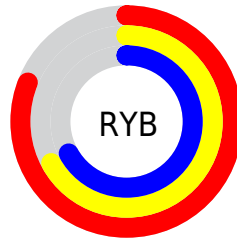
The Yxy color **44.8115, 0.3452, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.0979, 0.2872, 0.3301**, and the grayscale version is **46.1573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6014, 0.3333, 0.3281**, and **20.8681, 0.3542, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **36.9779, 0.3703, 0.3272**, and if you desaturate by 10%, it is **53.9753, 0.3251, 0.3285**.

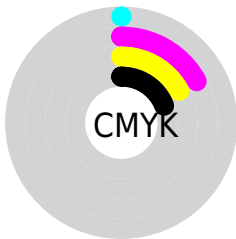
Distribution



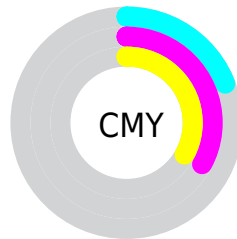
- Red (81%)
- Green (67%)
- Blue (67%)



- Red (81%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8115, 0.3452, 0.3279 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 44.8115, 0.3452, 0.3279 by changing the saturation by 10% instead.


 44.8115, 0.3452,
0.3279

 44.8115, 0.3452,
0.3279

366.0096, 0.3288,
0.3286

 31.3090, 0.3494,
0.3277

 82.4375, 0.3392,
0.3282

 20.8342, 0.3548,
0.3273


107.3297, 0.3369,
0.3283

 13.0029, 0.3620,
0.3268


136.7873, 0.3350,
0.3284

 7.4305, 0.3723,
0.3260

171.1947, 0.3334,
0.3285

 3.7328, 0.3879,
0.3245

210.9362, 0.3320,
0.3285

 1.5252, 0.4143,
0.3214

256.3963, 0.3308,

 0.3064, 0.6507,

0.3286

0.3242

307.9593, 0.3297,
0.3286

0.0000, 0.0000,
0.0000

44.8115, 0.3452,
0.3279

44.8115, 0.3452,
0.3279

36.9779, 0.3703,
0.3272

53.9753, 0.3251,
0.3285

30.4070, 0.4014,
0.3266

64.5205, 0.3090,
0.3291

25.0346, 0.4389,
0.3261

76.5033, 0.2961,
0.3297

20.7884, 0.4825,
0.3258

89.9749, 0.2856,
0.3302

17.5883, 0.5296,
0.3258

91.8614, 0.2838,
0.3289

■ 15.3437, 0.5751,
0.3264

■ 13.9488, 0.6118,
0.3275

■ 13.2577, 0.6338,
0.3286

■ 13.1334, 0.6376,
0.3286

Harmonies

Analogous

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



44.8115, 0.3295, 0.3119



44.8115, 0.3452, 0.3279



44.8115, 0.3520, 0.3446

Triad

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



44.8115, 0.3452, 0.3279



44.8115, 0.3149, 0.3601



44.8115, 0.2786, 0.2996

Complementary

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



44.8115, 0.3452, 0.3279



57.0979, 0.2872, 0.3301

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.



44.8115, 0.2750, 0.3114



44.8115, 0.3452, 0.3279



44.8115, 0.2956, 0.3469

Square

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



44.8115, 0.3452, 0.3279



44.8115, 0.3341, 0.3640



44.8115, 0.2811, 0.3288



44.8115, 0.2910, 0.2958

Rectangle

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



44.8115, 0.3452, 0.3279



44.8115, 0.3504, 0.3542



44.8115, 0.2811, 0.3288



44.8115, 0.2763, 0.3027

Sweetspot

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



44.8135, 0.3452, 0.3279



91.3595, 0.3209, 0.3287



46.1595, 0.3137, 0.2859



19.3048, 0.3221, 0.3287



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.



44.8135, 0.3452, 0.3279



67.5493, 0.3541, 0.3277



51.4815, 0.3426, 0.3497



11.2184, 0.3286, 0.3284



8.0897, 0.6369, 0.3282



0.4191, 0.6260, 0.3222

Inverse Universe

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



44.8135, 0.3452, 0.3279



67.5493, 0.3541, 0.3277



49.4858, 0.2855, 0.3074



11.2184, 0.3286, 0.3284



8.0897, 0.6369, 0.3282



0.4191, 0.6260, 0.3222

Previews

White Background



This preview shows how the Yxy color 44.8115, 0.3452, 0.3279 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 44.8115, 0.3452, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

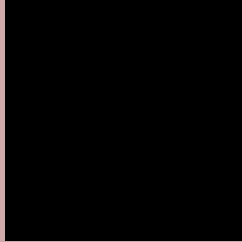
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8115, 0.3452, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 44.8115, 0.3452, 0.3279.



This preview shows how white text looks on a background with the Yxy color 44.8115, 0.3452, 0.3279.

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

44.8115, 0.3452, 0.3279

Protanopia

45.0032, 0.3195, 0.3330

Deuteranopia

44.9315, 0.3390, 0.3329



Tritanopia

44.6069, 0.3374, 0.3131

Trichromacy



Original Color

44.8115, 0.3452, 0.3279

Protanomaly

44.7923, 0.3279, 0.3303

Deuteranomaly

44.9639, 0.3419, 0.3316

Tritanomaly

44.8157, 0.3409, 0.3192

Monochromacy



Original Color

44.8115, 0.3452, 0.3279

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5658, 0.3242, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8115, 0.3452, 0.3279 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(206, 170, 171)` looks like.

```
.text, #text, p{  
    color:rgb(206, 170, 171)  
}
```

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(206, 170, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 170, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.8115, 0.3452, 0.3279 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(206, 170, 171) }
```

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

```
.border{ border-color:rgb(206, 170, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 170, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 170, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 170, 171);  
box-shadow:4px 4px 4px 4px rgb(206, 170,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8115, 0.3452, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 170, 171) }
```

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

```
.background{ background-color: rgb(206,  
170, 171) }
```

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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