

Converting Colors

$Y_{xy}(45.5325, 0.3300, 0.3228)$

Have a look what the booklet for
Yxy(45.5325, 0.3300, 0.3228)
contains.

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Color

Yxy(45.5325, 0.3300, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	C6AEB3
RGB	198, 174, 179
RGB Percent	78%, 68%, 70%
CMY	0.2238, 0.3175, 0.2981
CMYK	0.00, 0.12, 0.10, 0.22
HSL	348°, 17%, 73%
HSV	348°, 12%, 78%
XYZ	46.5481, 45.5325, 48.9742
YIQ	181.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

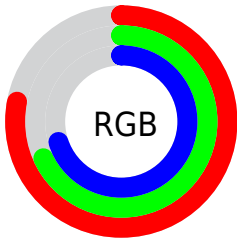
Format	Color
R_{YB}	198, 174, 179
Decimal	13020851
CIE Lab	73.24, 9.46, 0.63
CIE LCh	73, 9.477, 3.789
Yxy	45.5325, 0.3300, 0.3228
Android (android.graphics.Color)	4291210931 (0xFFC6AEB3)
YUV	181.7460, -1.3538, 14.2548
Hunter-Lab	67.4778, 5.0483, 4.2028

Details

The Yxy color **45.5325, 0.3300, 0.3228** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2120, 0.2978, 0.3353**, and the grayscale version is **46.6334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8518, 0.3267, 0.3241**, and **21.3547, 0.3354, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **37.8410, 0.3480, 0.3173**, and if you desaturate by 10%, it is **54.4274, 0.3154, 0.3280**.

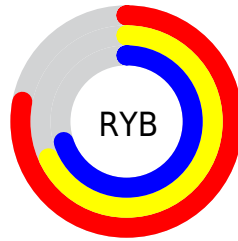
Distribution



Red (78%)

Green (68%)

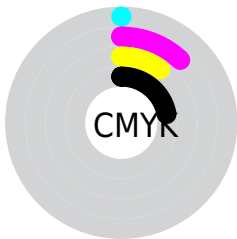
Blue (70%)



Red (78%)

Yellow (68%)

Blue (70%)

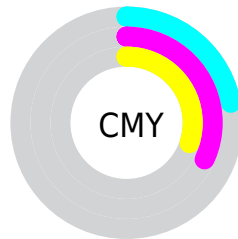


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5325, 0.3300, 0.3228 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 45.5325, 0.3300, 0.3228 by changing the saturation by 10% instead.


 45.5325, 0.3300,
0.3228

 45.5325, 0.3300,
0.3228


368.9259, 0.3213,
0.3259

 31.8771, 0.3322,
0.3220

 83.5189, 0.3268,
0.3239

 21.2676, 0.3350,
0.3210


108.6187, 0.3256,
0.3244

 13.3198, 0.3388,
0.3196


138.3020, 0.3246,
0.3247

 7.6491, 0.3441,
0.3176

172.9533, 0.3238,
0.3251

 3.8712, 0.3521,
0.3147

212.9569, 0.3230,
0.3253

 1.6018, 0.3656,
0.3096

258.6973, 0.3224,

 0.3588, 0.4476,

0.3256

0.2808

310.5589, 0.3218,
0.3258

0.0000, 0.0000,
0.0000

45.5325, 0.3300,
0.3228

45.5325, 0.3300,
0.3228

37.8410, 0.3480,
0.3173

54.4274, 0.3154,
0.3280

31.2952, 0.3702,
0.3117

64.5679, 0.3036,
0.3328

25.8420, 0.3973,
0.3062

76.0019, 0.2939,
0.3371

21.4215, 0.4295,
0.3015

88.7726, 0.2861,
0.3411

17.9680, 0.4666,
0.2982

90.7376, 0.2794,
0.3289

■ 15.4084, 0.5070,
0.2972

■ 13.6590, 0.5475,
0.2995

■ 12.6199, 0.5835,
0.3055

■ 12.1579, 0.6065,
0.3115

Harmonies

Analogous

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



45.5325, 0.3176, 0.3130



45.5325, 0.3300, 0.3228



45.5325, 0.3377, 0.3344

Triad

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



45.5325, 0.3300, 0.3228



45.5325, 0.3209, 0.3519



45.5325, 0.2875, 0.3126

Complementary

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



45.5325, 0.3300, 0.3228



53.2120, 0.2978, 0.3353

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.



45.5325, 0.2884, 0.3228



45.5325, 0.3300, 0.3228



45.5325, 0.3074, 0.3459

Square

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



45.5325, 0.3300, 0.3228



45.5325, 0.3323, 0.3514



45.5325, 0.2956, 0.3351



45.5325, 0.2932, 0.3070

Rectangle

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



45.5325, 0.3300, 0.3228



45.5325, 0.3391, 0.3416



45.5325, 0.2956, 0.3351



45.5325, 0.2870, 0.3156

Sweetspot

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



45.5345, 0.3300, 0.3228



93.1540, 0.3180, 0.3270



45.6631, 0.3096, 0.2992



19.6719, 0.3191, 0.3266



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.



45.5345, 0.3300, 0.3228



77.6092, 0.3335, 0.3217



48.0223, 0.3332, 0.3376



10.6723, 0.3258, 0.3242



7.9222, 0.6035, 0.3098



0.3859, 0.5448, 0.2775

Inverse Universe

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



45.5345, 0.3300, 0.3228



77.6092, 0.3335, 0.3217



50.4098, 0.2942, 0.3203



10.6723, 0.3258, 0.3242



7.9222, 0.6035, 0.3098



0.3859, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 45.5325, 0.3300, 0.3228 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 45.5325, 0.3300, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

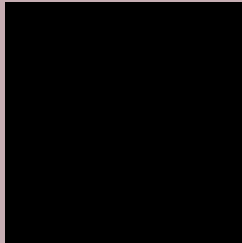
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5325, 0.3300, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 45.5325, 0.3300, 0.3228.



This preview shows how white text looks on a background with the Yxy color 45.5325, 0.3300, 0.3228.

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

45.5325, 0.3300, 0.3228

Protanopia

45.5627, 0.3129, 0.3251

Deuteranopia

45.5325, 0.3300, 0.3228



Tritanopia

45.5744, 0.3251, 0.3128

Trichromacy



Original Color

45.5325, 0.3300, 0.3228

Protanomaly

45.4718, 0.3191, 0.3239

Deuteranomaly

45.5325, 0.3300, 0.3228

Tritanomaly

45.4482, 0.3276, 0.3165

Monochromacy



Original Color

45.5325, 0.3300, 0.3228

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2678, 0.3189, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5325, 0.3300, 0.3228 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(198, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 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(198, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 179) }
```

Border

The CSS property to change the border of an element to Yxy 45.5325, 0.3300, 0.3228 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(198, 174, 179) }
```

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

```
.border{ border-color:rgb(198, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5325, 0.3300, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 179) }
```

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

```
.background{ background-color: rgb(198,  
174, 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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