

Converting Colors

$Y_{xy}(45.0638, 0.3290, 0.3159)$

Have a look what the booklet for
Yxy(45.0638, 0.3290, 0.3159)
contains.

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Color

Yxy(45.1618, 0.3295, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	C8ACB6
RGB	200, 172, 182
RGB Percent	78%, 67%, 71%
CMY	0.2157, 0.3255, 0.2861
CMYK	0.00, 0.14, 0.09, 0.22
HSL	338°, 20%, 73%
HSV	338°, 14%, 78%
XYZ	47.0168, 45.1618, 50.5127
YIQ	181.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

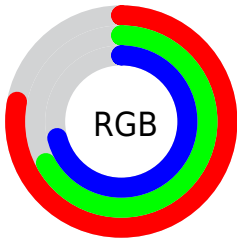
Format	Color
R_{YB}	200, 172, 182
Decimal	13151414
CIE _{Lab}	73.00, 11.82, -1.38
CIE _{LCh}	73, 11.902, 353.339
Yxy	45.1618, 0.3295, 0.3165
Android (android.graphics.Color)	4291341494 (0xFFC8ACB6)
YUV	181.5120, 0.2406, 16.2140
Hunter-Lab	67.2025, 7.2792, 2.4765

Details

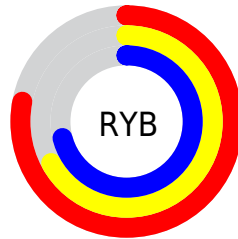
The Yxy color **45.1618, 0.3295, 0.3165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7930, 0.2984, 0.3419**, and the grayscale version is **46.4949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3712, 0.3250, 0.3182**, and **21.1289, 0.3347, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **37.6085, 0.3447, 0.3070**, and if you desaturate by 10%, it is **53.9133, 0.3170, 0.3256**.

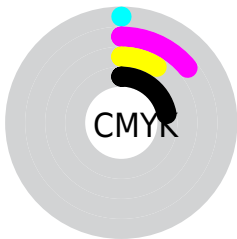
Distribution



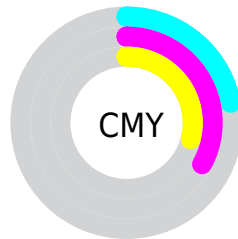
- Red (78%)
- Green (67%)
- Blue (71%)



- Red (78%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1618, 0.3295, 0.3165 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 45.1618, 0.3295, 0.3165 by changing the saturation by 10% instead.


 45.1618, 0.3295,
0.3165

 45.1618, 0.3295,
0.3165


367.4285, 0.3211,
0.3228

 31.5849, 0.3316,
0.3149


 82.9632, 0.3264,
0.3188

 21.0446, 0.3343,
0.3129


107.9564, 0.3253,
0.3196

 13.1566, 0.3380,
0.3103


137.5239, 0.3243,
0.3203

 7.5365, 0.3431,
0.3065

172.0499, 0.3235,
0.3210

 3.7998, 0.3507,
0.3010

211.9191, 0.3228,
0.3215

 1.5622, 0.3636,
0.2917

257.5156, 0.3221,

 0.3319, 0.4334,

0.3220

0.2381

309.2239, 0.3216,
0.3224

0.0000, 0.0000,
0.0000

45.1618, 0.3295,
0.3165

45.1618, 0.3295,
0.3165

37.6085, 0.3447,
0.3070

53.9133, 0.3170,
0.3256

31.1952, 0.3631,
0.2973

63.9060, 0.3068,
0.3340

25.8675, 0.3852,
0.2879

75.1884, 0.2985,
0.3418

21.5645, 0.4112,
0.2795

87.8043, 0.2916,
0.3489

18.2191, 0.4409,
0.2732

90.4645, 0.2850,
0.3382

■ 15.7559, 0.4733,
0.2702

■ 91.0186, 0.2805,
0.3289

■ 14.0883, 0.5066,
0.2716

■ 13.1116, 0.5382,
0.2781

■ 12.7421, 0.5558,
0.2836

Harmonies

Analogous

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



45.1618, 0.3129, 0.3058



45.1618, 0.3295, 0.3165



45.1618, 0.3418, 0.3305

Triad

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



45.1618, 0.3295, 0.3165



45.1618, 0.3285, 0.3587



45.1618, 0.2805, 0.3121

Complementary

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



45.1618, 0.3295, 0.3165



53.7930, 0.2984, 0.3419

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.



45.1618, 0.2845, 0.3264



45.1618, 0.3295, 0.3165



45.1618, 0.3119, 0.3539

Square

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



45.1618, 0.3295, 0.3165



45.1618, 0.3411, 0.3550



45.1618, 0.2958, 0.3419



45.1618, 0.2849, 0.3030

Rectangle

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



45.1618, 0.3295, 0.3165



45.1618, 0.3456, 0.3401



45.1618, 0.2958, 0.3419



45.1618, 0.2809, 0.3165

Sweetspot

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



45.1638, 0.3295, 0.3165



93.2495, 0.3171, 0.3255



44.5888, 0.3054, 0.2939



19.6960, 0.3180, 0.3248



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.



45.1638, 0.3295, 0.3165



73.7284, 0.3341, 0.3135



46.2044, 0.3376, 0.3338



10.6987, 0.3234, 0.3207



8.1181, 0.5522, 0.2815



0.3982, 0.4941, 0.2495

Inverse Universe

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



45.1638, 0.3295, 0.3165



73.7284, 0.3341, 0.3135



52.5391, 0.2915, 0.3242



10.6987, 0.3234, 0.3207



8.1181, 0.5522, 0.2815



0.3982, 0.4941, 0.2495

Previews

White Background



This preview shows how the Yxy color 45.1618, 0.3295, 0.3165 looks on a white background.

Color Contrast Check

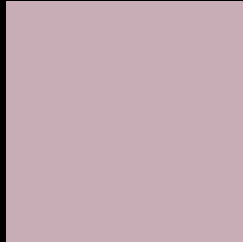
Large Text (above 18pt) WCAG AA × Fail

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 45.1618, 0.3295, 0.3165 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 45.1618, 0.3295, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 45.1618, 0.3295, 0.3165.



This preview shows how white text looks on a background with the Yxy color 45.1618, 0.3295, 0.3165.

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

45.1618, 0.3295, 0.3165

Protanopia

45.2097, 0.3089, 0.3186

Deuteranopia

45.2516, 0.3248, 0.3189



Tritanopia

45.2872, 0.3269, 0.3128

Trichromacy



Original Color

45.1618, 0.3295, 0.3165

Protanomaly

45.2448, 0.3159, 0.3175

Deuteranomaly

45.1349, 0.3267, 0.3177

Tritanomaly

45.2451, 0.3278, 0.3141

Monochromacy



Original Color

45.1618, 0.3295, 0.3165

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0370, 0.3191, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1618, 0.3295, 0.3165 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(200, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 172, 182)  
}
```

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(200, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 172, 182) }
```

Border

The CSS property to change the border of an element to Yxy 45.1618, 0.3295, 0.3165 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(200, 172, 182) }
```

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

```
.border{ border-color:rgb(200, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 172,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1618, 0.3295, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 172, 182) }
```

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

```
.background{ background-color: rgb(200,  
172, 182) }
```

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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