

Converting Colors

$Y_{xy}(44.8237, 0.3140, 0.2961)$

Have a look what the booklet for
Yxy(44.8237, 0.3140, 0.2961)
contains.

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Color

Yxy(45.0274, 0.3142, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	C5ABC5
RGB	197, 171, 197
RGB Percent	77%, 67%, 77%
CMY	0.2275, 0.3294, 0.2274
CMYK	0.00, 0.13, 0.00, 0.23
HSL	300°, 18%, 72%
HSV	300°, 13%, 77%
XYZ	47.6671, 45.0274, 59.0150
YIQ	181.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

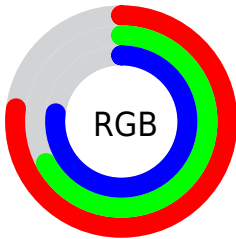
Format	Color
R _Y B	197, 171, 197
Decimal	12954565
CIE Lab	72.91, 14.02, -9.77
CIE LCh	73, 17.088, 325.114
Yxy	45.0274, 0.3142, 0.2968
Android (android.graphics.Color)	4291144645 (0xFFC5ABC5)
YUV	181.7380, 7.5242, 13.3848
Hunter-Lab	67.1025, 9.3706, -5.1724

Details

The Yxy color **45.0274, 0.3142, 0.2968** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.5451, 0.3111, 0.3634**, and the grayscale version is **46.5858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6193, 0.3140, 0.3018**, and **21.0165, 0.3146, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **38.1293, 0.3153, 0.2719**, and if you desaturate by 10%, it is **53.0388, 0.3131, 0.3213**.

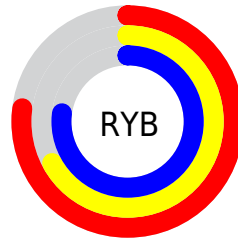
Distribution



Red (77%)

Green (67%)

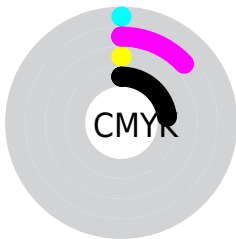
Blue (77%)



Red (77%)

Yellow (67%)

Blue (77%)

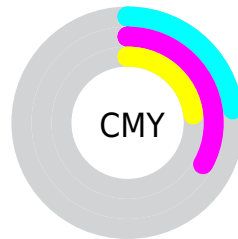


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0274, 0.3142, 0.2968 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 45.0274, 0.3142, 0.2968 by changing the saturation by 10% instead.


 45.0274, 0.3142,
0.2968

 45.0274, 0.3142,
0.2968

366.8845, 0.3136,
0.3126

 31.4790, 0.3143,
0.2929


 82.7615, 0.3140,
0.3025

 20.9639, 0.3144,
0.2880


107.7161, 0.3140,
0.3046

 13.0976, 0.3145,
0.2816


137.2414, 0.3139,
0.3065

 7.4958, 0.3145,
0.2728

171.7220, 0.3138,
0.3080

 3.7740, 0.3144,
0.2600

211.5422, 0.3138,
0.3094

 1.5480, 0.3137,
0.2397

257.0864, 0.3137,

 0.3221, 0.3232,

0.3106

0.1606

308.7391, 0.3137,
0.3117

0.0000, 0.0000,
0.0000

45.0274, 0.3142,
0.2968

45.0274, 0.3142,
0.2968

38.1293, 0.3153,
0.2719

53.0388, 0.3131,
0.3213

32.2898, 0.3165,
0.2475

62.2035, 0.3120,
0.3449

27.4582, 0.3175,
0.2243

72.5668, 0.3109,
0.3672

23.5775, 0.3185,
0.2034

84.1698, 0.3100,
0.3879

20.5849, 0.3193,
0.1855

87.4370, 0.3098,
0.3931

■ 18.4103, 0.3199,
0.1715

■ 87.4401, 0.3098,
0.3931

■ 16.9726, 0.3203,
0.1618

■ 87.4432, 0.3098,
0.3931

■ 16.1747, 0.3206,
0.1561

■ 87.4463, 0.3098,
0.3931

■ 15.8747, 0.3206,
0.1540

■ 87.4494, 0.3098,
0.3931

Harmonies

Analogous

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



45.0274, 0.2907, 0.2892



45.0274, 0.3142, 0.2968



45.0274, 0.3381, 0.3122

Triad

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



45.0274, 0.3142, 0.2968



45.0274, 0.3526, 0.3668



45.0274, 0.2718, 0.3235

Complementary

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



45.0274, 0.3142, 0.2968



51.5451, 0.3111, 0.3634

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.



45.0274, 0.2872, 0.3463



45.0274, 0.3142, 0.2968



45.0274, 0.3338, 0.3719

Square

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



45.0274, 0.3142, 0.2968



45.0274, 0.3607, 0.3519



45.0274, 0.3098, 0.3645



45.0274, 0.2669, 0.3035

Rectangle

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



45.0274, 0.3142, 0.2968



45.0274, 0.3507, 0.3252



45.0274, 0.3098, 0.3645



45.0274, 0.2759, 0.3312

Sweetspot

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



45.0294, 0.3142, 0.2968



93.6616, 0.3132, 0.3192



41.9827, 0.2919, 0.2951



19.8005, 0.3133, 0.3174



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.



45.0294, 0.3142, 0.2968



76.6654, 0.3145, 0.2893



44.4807, 0.3248, 0.3121



10.8160, 0.3138, 0.3062



10.4391, 0.3206, 0.1540



0.4945, 0.3207, 0.1540

Inverse Universe

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



43.9428, 0.3366, 0.3290



74.3221, 0.3431, 0.3290



52.0444, 0.3021, 0.3465



10.6371, 0.3289, 0.3290



7.8081, 0.6399, 0.3299



0.3698, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 45.0274, 0.3142, 0.2968 looks on a white background.

Color Contrast Check

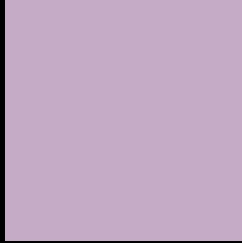
Large Text (above 18pt) WCAG AA × Fail

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 45.0274, 0.3142, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

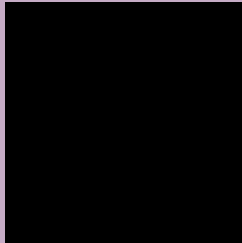
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0274, 0.3142, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 45.0274, 0.3142, 0.2968.



This preview shows how white text looks on a background with the Yxy color 45.0274, 0.3142, 0.2968.

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

45.0274, 0.3142, 0.2968

Protanopia

45.2879, 0.2932, 0.2993

Deuteranopia

44.9490, 0.3071, 0.3011



Tritanopia

45.0344, 0.3215, 0.3126

Trichromacy



Original Color

45.0274, 0.3142, 0.2968

Protanomaly

45.0204, 0.3005, 0.2972

Deuteranomaly

44.9490, 0.3097, 0.3001

Tritanomaly

44.9585, 0.3191, 0.3065

Monochromacy



Original Color

45.0274, 0.3142, 0.2968

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9934, 0.3133, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0274, 0.3142, 0.2968 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(197, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 197)  
}
```

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(197, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 197) }
```

Border

The CSS property to change the border of an element to Yxy 45.0274, 0.3142, 0.2968 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(197, 171, 197) }
```

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

```
.border{ border-color:rgb(197, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 171,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0274, 0.3142, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 197) }
```

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

```
.background{ background-color: rgb(197,  
171, 197) }
```

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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