

Converting Colors

$Y_{xy}(45.7138, 0.3445, 0.3032)$

Have a look what the booklet for
Yxy(45.7138, 0.3445, 0.3032)
contains.

Yxy(45.7138, 0.3445, 0.3032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.7138, 0.3445, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	DCA5BB
RGB	220, 165, 187
RGB Percent	86%, 65%, 73%
CMY	0.1373, 0.3529, 0.2665
CMYK	0.00, 0.25, 0.15, 0.14
HSL	336°, 44%, 75%
HSV	336°, 25%, 86%
XYZ	51.9406, 45.7138, 53.1167
YIQ	183.9530, 25.7180, 18.5020

Conversions

Conversions Part 2

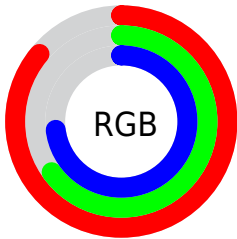
Format	Color
R _Y B	220, 165, 187
Decimal	14460347
CIE Lab	73.36, 23.61, -3.37
CIE LCh	73, 23.853, 351.869
Yxy	45.7138, 0.3445, 0.3032
Android (android.graphics.Color)	4292650427 (0xFFDCA5BB)
YUV	183.9530, 1.5022, 31.6132
Hunter-Lab	67.6120, 18.8057, 0.7496

Details

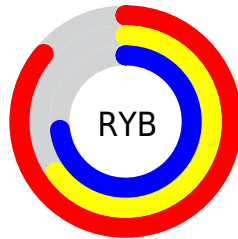
The Yxy color **45.7138, 0.3445, 0.3032** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.2579, 0.2891, 0.3564**, and the grayscale version is **47.8881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9175, 0.3223, 0.3064**, and **21.4240, 0.3530, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **37.9112, 0.3621, 0.2923**, and if you desaturate by 10%, it is **54.9374, 0.3299, 0.3139**.

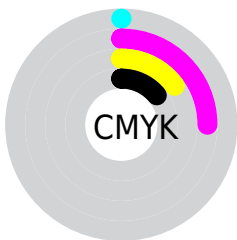
Distribution



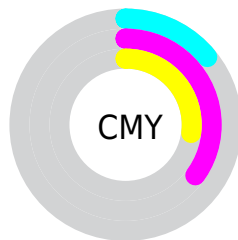
- Red (86%)
- Green (65%)
- Blue (73%)



- Red (86%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7138, 0.3445, 0.3032 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 45.7138, 0.3445, 0.3032 by changing the saturation by 10% instead.


 45.7138, 0.3445,
0.3032

 45.7138, 0.3445,
0.3032

369.6568, 0.3287,
0.3159

 32.0200, 0.3484,
0.3001


 83.7905, 0.3388,
0.3078

 21.3768, 0.3535,
0.2961


 108.9422, 0.3366,
0.3095

 13.3997, 0.3602,
0.2908


138.6821, 0.3348,
0.3110

 7.7044, 0.3695,
0.2835


173.3945, 0.3332,
0.3123

 3.9064, 0.3834,
0.2729

213.4637, 0.3318,
0.3134

 1.6213, 0.4062,
0.2558

259.2743, 0.3306,

 0.3719, 0.4795,

0.3143

0.1911

311.2105, 0.3296,
0.3152

0.0000, 0.0000,
0.0000

45.7138, 0.3445,
0.3032

45.7138, 0.3445,
0.3032

37.9112, 0.3621,
0.2923

54.9374, 0.3299,
0.3139

31.4520, 0.3832,
0.2819

65.6420, 0.3179,
0.3241

26.2610, 0.4077,
0.2726

77.8916, 0.3080,
0.3337

22.2525, 0.4356,
0.2656

91.7447, 0.3000,
0.3426

19.3305, 0.4658,
0.2623

93.8242, 0.2928,
0.3310

■ 17.3835, 0.4969,
0.2637

■ 93.9544, 0.2917,
0.3289

■ 16.2752, 0.5264,
0.2704

■ 15.9210, 0.5404,
0.2751

Harmonies

Analogous

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



45.7138, 0.3107, 0.2834



45.7138, 0.3445, 0.3032



45.7138, 0.3703, 0.3295

Triad

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



45.7138, 0.3445, 0.3032



45.7138, 0.3448, 0.3891



45.7138, 0.2500, 0.2956

Complementary

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



45.7138, 0.3445, 0.3032



63.2579, 0.2891, 0.3564

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.



45.7138, 0.2580, 0.3242



45.7138, 0.3445, 0.3032



45.7138, 0.3119, 0.3811

Square

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



45.7138, 0.3445, 0.3032



45.7138, 0.3700, 0.3793



45.7138, 0.2803, 0.3565



45.7138, 0.2574, 0.2781

Rectangle

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



45.7138, 0.3445, 0.3032



45.7138, 0.3787, 0.3481



45.7138, 0.2803, 0.3565



45.7138, 0.2509, 0.3042

Sweetspot

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



45.7159, 0.3445, 0.3032



88.4652, 0.3202, 0.3221



43.9604, 0.2960, 0.2633



18.7331, 0.3209, 0.3215



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.



45.7159, 0.3445, 0.3032



57.9107, 0.3534, 0.2975



46.5264, 0.3639, 0.3346



13.1375, 0.3229, 0.3197



9.3653, 0.5365, 0.2729



0.6235, 0.4934, 0.2492

Inverse Universe

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



45.7159, 0.3445, 0.3032



57.9107, 0.3534, 0.2975



61.9768, 0.2756, 0.3233



13.1375, 0.3229, 0.3197



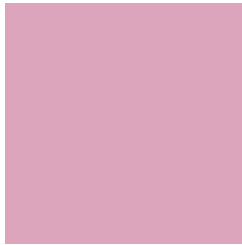
9.3653, 0.5365, 0.2729



0.6235, 0.4934, 0.2492

Previews

White Background



This preview shows how the Yxy color 45.7138, 0.3445, 0.3032 looks on a white background.

Color Contrast Check

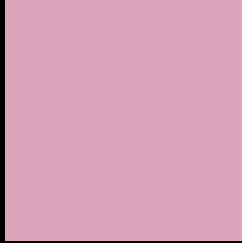
Large Text (above 18pt) WCAG AA × Fail

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 45.7138, 0.3445, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

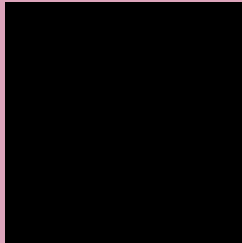
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7138, 0.3445, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 45.7138, 0.3445, 0.3032.



This preview shows how white text looks on a background with the Yxy color 45.7138, 0.3445, 0.3032.

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

45.7138, 0.3445, 0.3032

Protanopia

45.8094, 0.2994, 0.3070

Deuteranopia

45.8985, 0.3230, 0.3165



Tritanopia

45.5872, 0.3508, 0.3137

Trichromacy



Original Color

45.7138, 0.3445, 0.3032

Protanomaly

45.5917, 0.3147, 0.3052

Deuteranomaly

45.6501, 0.3307, 0.3106

Tritanomaly

45.7099, 0.3480, 0.3102

Monochromacy



Original Color

45.7138, 0.3445, 0.3032

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8174, 0.3237, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7138, 0.3445, 0.3032 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(220, 165, 187)` looks like.

```
.text, #text, p{  
    color:rgb(220, 165, 187)  
}
```

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(220, 165, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 165, 187) }
```

Border

The CSS property to change the border of an element to Yxy 45.7138, 0.3445, 0.3032 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(220, 165, 187) }
```

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

```
.border{ border-color:rgb(220, 165, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 165, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 165, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 165, 187);  
box-shadow:4px 4px 4px 4px rgb(220, 165,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7138, 0.3445, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 165, 187) }
```

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

```
.background{ background-color: rgb(220,  
165, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor