

Converting Colors

$Yxy(45.1644, 0.2913, 0.2652)$

Have a look what the booklet for
Yxy(45.1644, 0.2913, 0.2652)
contains.

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Color

Yxy(45.1192, 0.2920, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	C2A9DE
RGB	194, 169, 222
RGB Percent	76%, 66%, 87%
CMY	0.2392, 0.3373, 0.1294
CMYK	0.13, 0.24, 0.00, 0.13
HSL	268°, 45%, 77%
HSV	268°, 24%, 87%
XYZ	49.6226, 45.1192, 75.1987
YIQ	182.5170, -2.1130, 21.7830

Conversions

Conversions Part 2

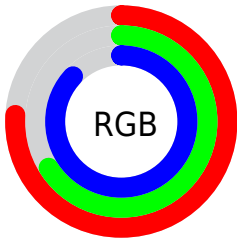
Format	Color
RYB	194, 169, 222
Decimal	12757470
CIELab	72.97, 19.12, -23.39
CIELCh	73, 30.207, 309.261
Yxy	45.1192, 0.2920, 0.2655
Android (android.graphics.Color)	4290947550 (0xFFC2A9DE)
YUV	182.5170, 19.4651, 10.0706
Hunter-Lab	67.1708, 14.3184, -19.3564

Details

The Yxy color $45.1192, 0.2920, 0.2655$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $66.9746, 0.3297, 0.3922$, and the grayscale version is $46.9699, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0405, 0.3114, 0.2987$, and $21.0880, 0.2855, 0.2493$ is the 20% darker color. If you saturate the color by 10%, you get $36.0599, 0.2811, 0.2360$, and if you desaturate by 10%, it is $55.7070, 0.3016, 0.2935$.

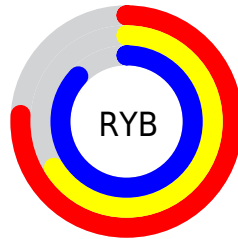
Distribution



Red (76%)

Green (66%)

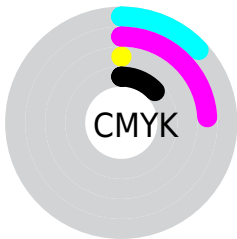
Blue (87%)



Red (76%)

Yellow (66%)

Blue (87%)

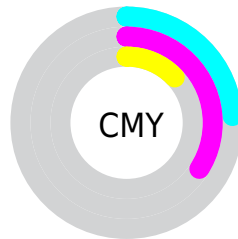


Cyan (13%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (24%)


Magenta (34%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1192, 0.2920, 0.2655 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 45.1192, 0.2920, 0.2655 by changing the saturation by 10% instead.


 45.1192, 0.2920,
0.2655


 45.1192, 0.2920,
0.2655


367.2561, 0.3028,
0.2960

 31.5513, 0.2892,
0.2583


 82.8993, 0.2960,
0.2763

 21.0190, 0.2856,
0.2493


 107.8802, 0.2975,
0.2804

 13.1379, 0.2808,
0.2377


137.4344, 0.2987,
0.2840

 7.5236, 0.2739,
0.2222

171.9460, 0.2998,
0.2870

 3.7916, 0.2637,
0.2008

211.7996, 0.3007,
0.2897

 1.5577, 0.2468,
0.1694

257.3796, 0.3015,

 0.3288, 0.2220,

0.2920

0.0937

309.0703, 0.3021,
0.2941

0.0000, 0.0000,
0.0000

45.1192, 0.2920,
0.2655

45.1192, 0.2920,
0.2655

36.0599, 0.2811,
0.2360

55.7070, 0.3016,
0.2935

28.4497, 0.2688,
0.2058

67.8861, 0.3099,
0.3195

22.2107, 0.2556,
0.1761

81.7226, 0.3169,
0.3433

17.2550, 0.2417,
0.1483

95.4776, 0.3230,
0.3621

13.4842, 0.2278,
0.1241

97.6064, 0.3306,
0.3613

■ 10.7846, 0.2146,
0.1048

■ 98.0538, 0.3322,
0.3611

■ 9.0190, 0.2025,
0.0913

■ 8.2632, 0.1958,
0.0852

Harmonies

Analogous

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



45.1192, 0.2569, 0.2603



45.1192, 0.2920, 0.2655



45.1192, 0.3352, 0.2850

Triad

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



45.1192, 0.2920, 0.2655



45.1192, 0.3935, 0.3812



45.1192, 0.2535, 0.3400

Complementary

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



45.1192, 0.2920, 0.2655



66.9746, 0.3297, 0.3922

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.



45.1192, 0.2870, 0.3799



45.1192, 0.2920, 0.2655



45.1192, 0.3682, 0.4026

Square

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



45.1192, 0.2920, 0.2655



45.1192, 0.3961, 0.3490



45.1192, 0.3290, 0.4035



45.1192, 0.2359, 0.2998

Rectangle

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



45.1192, 0.2920, 0.2655



45.1192, 0.3626, 0.3039



45.1192, 0.3290, 0.4035



45.1192, 0.2632, 0.3541

Sweetspot

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



45.1211, 0.2920, 0.2655



87.3912, 0.3074, 0.3115



53.7624, 0.2751, 0.2983



18.4839, 0.3069, 0.3099



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.



45.1211, 0.2920, 0.2655



54.8794, 0.2863, 0.2498



48.9019, 0.3140, 0.2696



13.5589, 0.3054, 0.3053



4.9734, 0.1973, 0.0861



0.3977, 0.2144, 0.0955

Inverse Universe

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



47.9361, 0.3367, 0.2968



59.5007, 0.3437, 0.2892



63.7380, 0.3108, 0.3960



13.8209, 0.3210, 0.3167



10.0130, 0.4833, 0.2436



0.7121, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 45.1192, 0.2920, 0.2655 looks on a white background.

Color Contrast Check

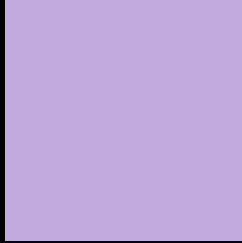
Large Text (above 18pt) WCAG AA × Fail

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 45.1192, 0.2920, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

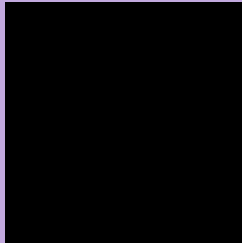
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1192, 0.2920, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 45.1192, 0.2920, 0.2655.



This preview shows how white text looks on a background with the Yxy color 45.1192, 0.2920, 0.2655.

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

45.1192, 0.2920, 0.2655

Protanopia

45.1527, 0.2669, 0.2651

Deuteranopia

45.1105, 0.2787, 0.2716



Tritanopia

45.1529, 0.3136, 0.3112

Trichromacy



Original Color

45.1192, 0.2920, 0.2655

Protanomaly

44.9932, 0.2752, 0.2648

Deuteranomaly

45.1749, 0.2840, 0.2700

Tritanomaly

45.1806, 0.3057, 0.2940

Monochromacy



Original Color

45.1192, 0.2920, 0.2655

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4368, 0.3053, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1192, 0.2920, 0.2655 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(194, 169, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 222)  
}
```

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(194, 169, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 222) }
```

Border

The CSS property to change the border of an element to Yxy 45.1192, 0.2920, 0.2655 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(194, 169, 222) }
```

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

```
.border{ border-color:rgb(194, 169, 222) }
```

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

Here you see how a box with a 4 pixel rgb(194, 169, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 222);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1192, 0.2920, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 222) }
```

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

```
.background{ background-color: rgb(194,  
169, 222) }
```

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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