

Converting Colors

$Y_{xy}(42.5407, 0.3002, 0.2757)$

Have a look what the booklet for
Yxy(42.5407, 0.3002, 0.2757)
contains.

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Color

Yxy(42.5407, 0.3002, 0.2757)

Conversions

Conversions Part 1

Format	Color
Hex	BFA5D0
RGB	191, 165, 208
RGB Percent	75%, 65%, 82%
CMY	0.2511, 0.3529, 0.1843
CMYK	0.08, 0.21, 0.00, 0.18
HSL	276°, 31%, 73%
HSV	276°, 21%, 82%
XYZ	46.3211, 42.5407, 65.4389
YIQ	177.6760, 1.6930, 18.8850

Conversions

Conversions Part 2

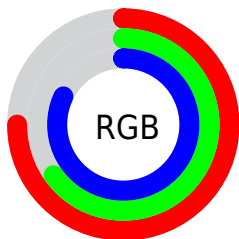
Format	Color
R _{YB}	191, 165, 208
Decimal	12559824
CIE Lab	71.24, 17.43, -18.36
CIE LCh	71, 25.319, 313.509
Yxy	42.5407, 0.3002, 0.2757
Android (android.graphics.Color)	4290749904 (0xFFBFA5D0)
YUV	177.6760, 14.9497, 11.6851
Hunter-Lab	65.2232, 12.6288, -13.8298

Details

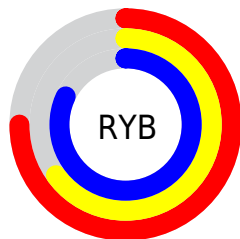
The Yxy color $42.5407, 0.3002, 0.2757$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $57.7737, 0.3230, 0.3836$, and the grayscale version is $44.2595, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3629, 0.3095, 0.2945$, and $19.4617, 0.2953, 0.2606$ is the 20% darker color. If you saturate the color by 10%, you get $34.6013, 0.2926, 0.2478$, and if you desaturate by 10%, it is $51.7639, 0.3068, 0.3024$.

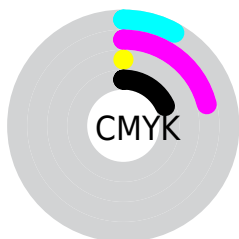
Distribution



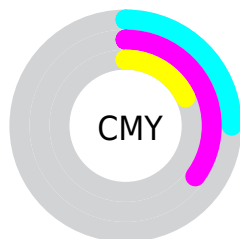
- Red (75%)
- Green (65%)
- Blue (82%)



- Red (75%)
- Yellow (65%)
- Blue (82%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5407, 0.3002, 0.2757 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 42.5407, 0.3002, 0.2757 by changing the saturation by 10% instead.

42.5407, 0.3002,
0.2757

42.5407, 0.3002,
0.2757

356.7195, 0.3069,
0.3017

29.5249, 0.2984,
0.2694

79.0173, 0.3027,
0.2850

19.4783, 0.2961,
0.2614

103.2469, 0.3036,
0.2886

12.0164, 0.2929,
0.2511

131.9832, 0.3044,
0.2916

6.7548, 0.2882,
0.2370

165.6107, 0.3050,
0.2942

3.3092, 0.2809,
0.2169

204.5136, 0.3056,
0.2964

1.2952, 0.2681,
0.1862

249.0765, 0.3061,

0.1375, 0.2520,

0.2984

0.0623

299.6836, 0.3065,
0.3002

0.0000, 0.0000,
0.0000

42.5407, 0.3002,
0.2757

42.5407, 0.3002,
0.2757

34.6013, 0.2926,
0.2478

51.7639, 0.3068,
0.3024

27.8804, 0.2839,
0.2193

62.3214, 0.3124,
0.3274

22.3150, 0.2743,
0.1914

74.2674, 0.3171,
0.3504

17.8342, 0.2640,
0.1652

87.6516, 0.3209,
0.3714

14.3591, 0.2533,
0.1421

93.2542, 0.3256,
0.3773

■ 11.7994, 0.2426,
0.1232

■ 94.6657, 0.3309,
0.3765

■ 10.0483, 0.2324,
0.1094

■ 96.1427, 0.3363,
0.3757

■ 8.9632, 0.2234,
0.1004

■ 97.3337, 0.3406,
0.3751

Harmonies

Analogous

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



42.5407, 0.2683, 0.2694



42.5407, 0.3002, 0.2757



42.5407, 0.3373, 0.2942

Triad

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



42.5407, 0.3002, 0.2757



42.5407, 0.3799, 0.3776



42.5407, 0.2587, 0.3335

Complementary

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



42.5407, 0.3002, 0.2757



57.7737, 0.3230, 0.3836

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.



42.5407, 0.2862, 0.3679



42.5407, 0.3002, 0.2757



42.5407, 0.3564, 0.3932

Square

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



42.5407, 0.3002, 0.2757



42.5407, 0.3849, 0.3510



42.5407, 0.3219, 0.3905



42.5407, 0.2456, 0.3002

Rectangle

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



42.5407, 0.3002, 0.2757



42.5407, 0.3598, 0.3115



42.5407, 0.3219, 0.3905



42.5407, 0.2665, 0.3455

Sweetspot

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



42.5425, 0.3002, 0.2757



89.4930, 0.3095, 0.3141



46.0945, 0.2799, 0.2954



18.9207, 0.3091, 0.3125



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.



42.5425, 0.3002, 0.2757



61.3747, 0.2968, 0.2629



44.6690, 0.3187, 0.2829



11.7658, 0.3075, 0.3056



5.6442, 0.2247, 0.1011



0.3609, 0.2422, 0.1108

Inverse Universe

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



43.7025, 0.3379, 0.3082



63.6138, 0.3451, 0.3033



55.9853, 0.3072, 0.3799



11.8847, 0.3229, 0.3198



8.7585, 0.5378, 0.2736



0.5052, 0.4890, 0.2468

Previews

White Background



This preview shows how the Yxy color 42.5407, 0.3002, 0.2757 looks on a white background.

Color Contrast Check

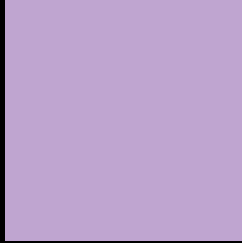
Large Text (above 18pt) WCAG AA × Fail

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 42.5407, 0.3002, 0.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

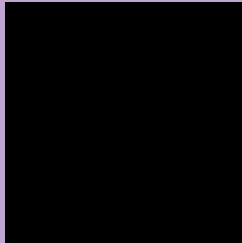
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5407, 0.3002, 0.2757

Background



This preview shows how black text looks on a background with the Yxy color 42.5407, 0.3002, 0.2757.



This preview shows how white text looks on a background with the Yxy color 42.5407, 0.3002, 0.2757.

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

42.5407, 0.3002, 0.2757

Protanopia

42.6906, 0.2756, 0.2770

Deuteranopia

42.4846, 0.2884, 0.2814



Tritanopia

42.7331, 0.3171, 0.3121

Trichromacy



Original Color

42.5407, 0.3002, 0.2757

Protanomaly

42.4513, 0.2838, 0.2764

Deuteranomaly

42.3340, 0.2925, 0.2794

Tritanomaly

42.5024, 0.3106, 0.2983

Monochromacy



Original Color

42.5407, 0.3002, 0.2757

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6285, 0.3084, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5407, 0.3002, 0.2757 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(191, 165, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 208)  
}
```

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(191, 165, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 208) }
```

Border

The CSS property to change the border of an element to Yxy 42.5407, 0.3002, 0.2757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

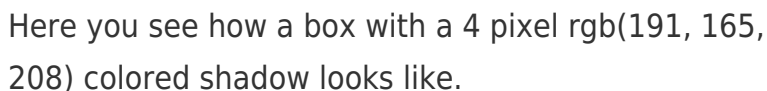
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 165, 208) }
```

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

```
.border{ border-color:rgb(191, 165, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 165, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 165, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 165, 208); box-shadow:4px 4px 4px 4px rgb(191, 165, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5407, 0.3002, 0.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 208) }
```

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

```
.background{ background-color: rgb(191,  
165, 208) }
```

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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