

Converting Colors

$Y_{xy}(41.5111, 0.3216, 0.2933)$

Have a look what the booklet for
Yxy(41.5111, 0.3216, 0.2933)
contains.

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Color

Yxy(41.5641, 0.3218, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	C6A2BE
RGB	198, 162, 190
RGB Percent	78%, 64%, 75%
CMY	0.2234, 0.3647, 0.2548
CMYK	0.00, 0.18, 0.04, 0.22
HSL	313°, 24%, 71%
HSV	313°, 18%, 78%
XYZ	45.5098, 41.5641, 54.3487
YIQ	175.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

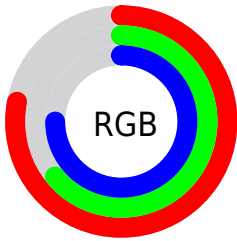
Format	Color
R_{YB}	198, 162, 190
Decimal	13017790
CIE _{Lab}	70.57, 18.02, -9.39
CIE _{LCh}	71, 20.321, 332.471
Yxy	41.5641, 0.3218, 0.2939
Android (android.graphics.Color)	4291207870 (0xFFC6A2BE)
YUV	175.9560, 6.9237, 19.3326
Hunter-Lab	64.4702, 13.1810, -4.8526

Details

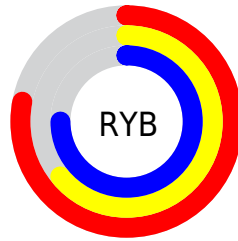
The Yxy color **41.5641, 0.3218, 0.2939** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.9835, 0.3048, 0.3668**, and the grayscale version is **43.3527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5395, 0.3205, 0.3005**, and **18.8873, 0.3240, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **34.9408, 0.3279, 0.2740**, and if you desaturate by 10%, it is **49.2954, 0.3165, 0.3135**.

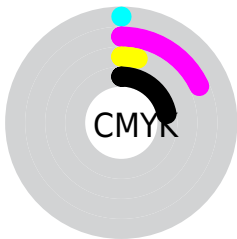
Distribution



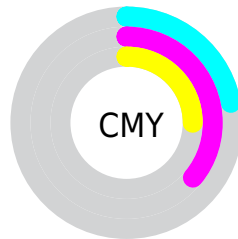
- Red (78%)
- Green (64%)
- Blue (75%)



- Red (78%)
- Yellow (64%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5641, 0.3218, 0.2939 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 41.5641, 0.3218, 0.2939 by changing the saturation by 10% instead.


 41.5641, 0.3218,
0.2939

 41.5641, 0.3218,
0.2939


352.6728, 0.3174,
0.3113

 28.7601, 0.3229,
0.2896


 77.5395, 0.3202,
0.3002

 18.8994, 0.3242,
0.2841


 101.4797, 0.3196,
0.3026

 11.5976, 0.3259,
0.2769


129.9007, 0.3191,
0.3046

 6.4703, 0.3283,
0.2668

163.1870, 0.3187,
0.3063

 3.1331, 0.3315,
0.2521

201.7230, 0.3183,
0.3078

 1.2016, 0.3365,
0.2284

245.8930, 0.3180,

 0.0630, 0.3880,

0.3091

0.0489

296.0815, 0.3177,
0.3103

■ 0.0000, 0.0000,
0.0000

■ 41.5641, 0.3218,
0.2939

■ 41.5641, 0.3218,
0.2939

■ 34.9408, 0.3279,
0.2740

■ 49.2954, 0.3165,
0.3135

■ 29.3688, 0.3348,
0.2543

■ 58.1772, 0.3119,
0.3323

■ 24.7943, 0.3424,
0.2357

■ 68.2565, 0.3081,
0.3501

■ 21.1570, 0.3507,
0.2191

■ 79.5760, 0.3048,
0.3667

■ 18.3896, 0.3594,
0.2056

■ 88.2842, 0.3021,
0.3759

■ 16.4162, 0.3682,
0.1961

■ 88.5094, 0.2997,
0.3710

■ 15.1476, 0.3770,
0.1911

■ 88.7408, 0.2973,
0.3660

■ 14.4470, 0.3854,
0.1905

■ 88.9783, 0.2950,
0.3611

■ 14.3429, 0.3869,
0.1905

■ 89.2219, 0.2926,
0.3562

Harmonies

Analogous

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



41.5641, 0.2923, 0.2821



41.5641, 0.3218, 0.2939



41.5641, 0.3499, 0.3141

Triad

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



41.5641, 0.3218, 0.2939



41.5641, 0.3567, 0.3779



41.5641, 0.2603, 0.3154

Complementary

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



41.5641, 0.3218, 0.2939



50.9835, 0.3048, 0.3668

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.



41.5641, 0.2760, 0.3434



41.5641, 0.3218, 0.2939



41.5641, 0.3313, 0.3810

Square

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



41.5641, 0.3218, 0.2939



41.5641, 0.3705, 0.3618



41.5641, 0.3017, 0.3683



41.5641, 0.2580, 0.2930

Rectangle

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



41.5641, 0.3218, 0.2939



41.5641, 0.3636, 0.3302



41.5641, 0.3017, 0.3683



41.5641, 0.2641, 0.3245

Sweetspot

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



41.5659, 0.3218, 0.2939



91.9520, 0.3150, 0.3195



38.4402, 0.2897, 0.2809



19.4486, 0.3153, 0.3181



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.



41.5659, 0.3218, 0.2939



68.5036, 0.3242, 0.2857



40.8338, 0.3380, 0.3160



10.7747, 0.3171, 0.3112



9.3380, 0.3859, 0.1899



0.4524, 0.3697, 0.1810

Inverse Universe

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



41.5659, 0.3218, 0.2939



68.5036, 0.3242, 0.2857



51.7041, 0.2925, 0.3424



10.7747, 0.3171, 0.3112



9.3380, 0.3859, 0.1899



0.4524, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 41.5641, 0.3218, 0.2939 looks on a white background.

Color Contrast Check

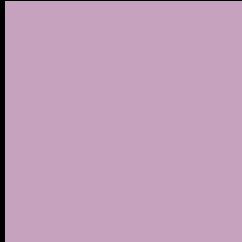
Large Text (above 18pt) WCAG AA × Fail

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 41.5641, 0.3218, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

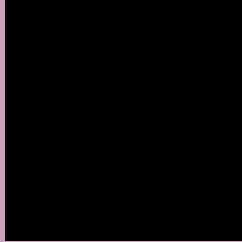
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5641, 0.3218, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 41.5641, 0.3218, 0.2939.



This preview shows how white text looks on a background with the Yxy color 41.5641, 0.3218, 0.2939.

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

41.5641, 0.3218, 0.2939

Protanopia

41.9256, 0.2910, 0.2970

Deuteranopia

41.6245, 0.3077, 0.3015



Tritanopia

41.4610, 0.3314, 0.3124

Trichromacy



Original Color

41.5641, 0.3218, 0.2939

Protanomaly

41.6036, 0.3019, 0.2951

Deuteranomaly

41.6379, 0.3132, 0.2994

Tritanomaly

41.4421, 0.3279, 0.3049

Monochromacy



Original Color

41.5641, 0.3218, 0.2939

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6524, 0.3160, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5641, 0.3218, 0.2939 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(198, 162, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 190)  
}
```

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(198, 162, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 190) }
```

Border

The CSS property to change the border of an element to Yxy 41.5641, 0.3218, 0.2939 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(198, 162, 190) }
```

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

```
.border{ border-color:rgb(198, 162, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 162, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 162, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 162, 190); box-shadow:4px 4px 4px 4px rgb(198, 162, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5641, 0.3218, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 190) }
```

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

```
.background{ background-color: rgb(198,  
162, 190) }
```

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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