

Converting Colors

$Y_{xy}(19.4391, 0.3651, 0.2208)$

Have a look what the booklet for
Yxy(19.4391, 0.3651, 0.2208)
contains.

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Color

Yxy(19.3765, 0.3652, 0.2212)

Conversions

Conversions Part 1

Format	Color
Hex	C54AA2
RGB	197, 74, 162
RGB Percent	77%, 29%, 64%
CMY	0.2275, 0.7097, 0.3648
CMYK	0.00, 0.62, 0.18, 0.23
HSL	317°, 51%, 53%
HSV	317°, 62%, 77%
XYZ	31.9905, 19.3765, 36.2302
YIQ	120.8090, 45.0600, 53.4440

Conversions

Conversions Part 2

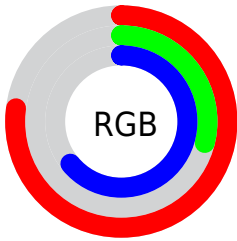
Format	Color
RYB	197, 74, 162
Decimal	12929698
CIELab	51.12, 58.47, -22.86
CIElCh	51, 62.779, 338.648
Yxy	19.3765, 0.3652, 0.2212
Android (android.graphics.Color)	4291119778 (0xFFC54AA2)
YUV	120.8090, 20.3072, 66.8195
Hunter-Lab	44.0187, 52.6916, -17.9863

Details

The Yxy color **19.3765, 0.3652, 0.2212** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **42.4832, 0.2859, 0.4754**, and the grayscale version is **18.9818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2350, 0.3538, 0.2420**, and **6.7229, 0.3822, 0.1883** is the 20% darker color. If you saturate the color by 10%, you get **16.9501, 0.3769, 0.2102**, and if you desaturate by 10%, it is **22.6370, 0.3541, 0.2356**.

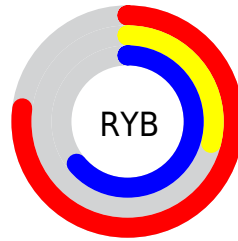
Distribution



Red (77%)

Green (29%)

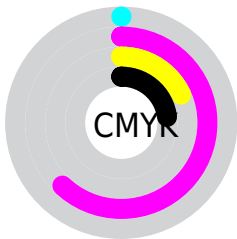
Blue (64%)



Red (77%)

Yellow (29%)

Blue (64%)

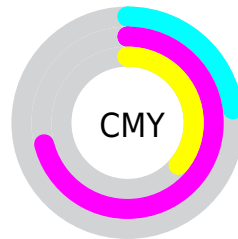


Cyan (0%)

Magenta (62%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (71%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3765, 0.3652, 0.2212 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 19.3765, 0.3652, 0.2212 by changing the saturation by 10% instead.


 19.3765, 0.3652,
0.2212


 19.3765, 0.3652,
0.2212

248.5194, 0.3378,
0.2772


 11.9426, 0.3723,
0.2067


 42.3693, 0.3550,
0.2420


 6.7046, 0.3816,
0.1879


 58.6971, 0.3513,
0.2497


 3.2781, 0.3940,
0.1628


 78.7583, 0.3481,
0.2561

 1.2786, 0.4113,
0.1282

 102.9373, 0.3454,
0.2616

 0.1245, 0.4582,
0.0324

 131.6185, 0.3431,
0.2663

 0.0000, 0.4830,
0.0000

165.1864, 0.3411,

 0.0000, 0.0000,

0.2705

0.0000

204.0252, 0.3394,
0.2741

■ 19.3765, 0.3652,
0.2212

■ 19.3765, 0.3652,
0.2212

■ 16.9501, 0.3769,
0.2102

■ 22.6370, 0.3541,
0.2356

■ 15.2751, 0.3888,
0.2035

■ 26.7984, 0.3440,
0.2523

■ 14.2566, 0.4006,
0.2017

■ 31.9239, 0.3348,
0.2703

■ 13.7876, 0.4093,
0.2028

■ 38.0703, 0.3268,
0.2889

■ 45.2899, 0.3199,
0.3072

■ 53.6315, 0.3140,
0.3249

■ 63.1408, 0.3090,
0.3416

■ 73.8609, 0.3048,
0.3573

■ 85.8329, 0.3013,
0.3718

Harmonies

Analogous

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



19.3765, 0.2515, 0.1807



19.3765, 0.3652, 0.2212



19.3765, 0.4801, 0.2820

Triad

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



19.3765, 0.3652, 0.2212



19.3765, 0.4370, 0.5079



19.3765, 0.1310, 0.2405

Complementary

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



19.3765, 0.3652, 0.2212



42.4832, 0.2859, 0.4754

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.



19.3765, 0.1623, 0.3523



19.3765, 0.3652, 0.2212



19.3765, 0.3369, 0.5487

Square

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



19.3765, 0.3652, 0.2212



19.3765, 0.5134, 0.4299



19.3765, 0.2360, 0.4889



19.3765, 0.1361, 0.1833

Rectangle

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



19.3765, 0.3652, 0.2212



19.3765, 0.5267, 0.3285



19.3765, 0.2360, 0.4889



19.3765, 0.1369, 0.2715

Sweetspot

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



19.3775, 0.3652, 0.2212



72.0314, 0.3246, 0.2946



12.1752, 0.2210, 0.1430



14.6543, 0.3267, 0.2893



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.



19.3775, 0.3652, 0.2212



29.0955, 0.3813, 0.2072



17.7024, 0.4658, 0.2966



10.7632, 0.3180, 0.3126



9.0862, 0.4079, 0.2021



0.4422, 0.3857, 0.1899

Inverse Universe

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



19.3775, 0.3652, 0.2212



29.0955, 0.3813, 0.2072



44.2937, 0.2516, 0.3706



10.7632, 0.3180, 0.3126



9.0862, 0.4079, 0.2021



0.4422, 0.3857, 0.1899

Previews

White Background



This preview shows how the Yxy color 19.3765, 0.3652, 0.2212 looks on a white background.

Color Contrast Check

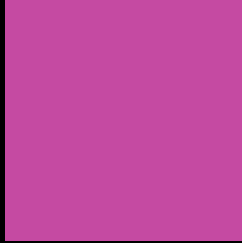
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3765, 0.3652, 0.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

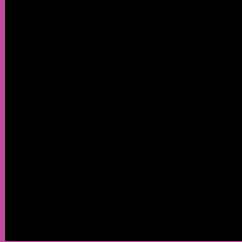
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3765, 0.3652, 0.2212

Background



This preview shows how black text looks on a background with the Yxy color 19.3765, 0.3652, 0.2212.



This preview shows how white text looks on a background with the Yxy color 19.3765, 0.3652, 0.2212.

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

19.3765, 0.3652, 0.2212

Protanopia

19.7855, 0.2193, 0.2035

Deuteranopia

19.5814, 0.2725, 0.2672



Tritanopia

19.4216, 0.4532, 0.3214

Trichromacy



Original Color

19.3765, 0.3652, 0.2212



Protanomaly

17.9491, 0.2565, 0.2018



Deuteranomaly

18.2801, 0.3017, 0.2411



Tritanomaly

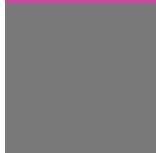
19.2149, 0.4207, 0.2818

Monochromacy



Original Color

19.3765, 0.3652, 0.2212



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.0678, 0.3327, 0.2759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3765, 0.3652, 0.2212 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, 74, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 74, 162)  
}
```

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, 74, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 74, 162) }
```

Border

The CSS property to change the border of an element to Yxy 19.3765, 0.3652, 0.2212 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, 74, 162) }
```

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

```
.border{ border-color:rgb(197, 74, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 74, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 74, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 74, 162); box-shadow:4px 4px 4px 4px rgb(197, 74, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3765, 0.3652, 0.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 74, 162) }
```

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

```
.background{ background-color: rgb(197, 74,  
162) }
```

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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