

Converting Colors

$Y_{xy}(19.3280, 0.3640, 0.2290)$

Have a look what the booklet for
Yxy(19.3280, 0.3640, 0.2290)
contains.

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Color

Yxy(19.2671, 0.3637, 0.2282)

Conversions

Conversions Part 1

Format	Color
Hex	C04F9E
RGB	192, 79, 158
RGB Percent	75%, 31%, 62%
CMY	0.2470, 0.6902, 0.3803
CMYK	0.00, 0.59, 0.18, 0.25
HSL	318°, 47%, 53%
HSV	318°, 59%, 75%
XYZ	30.7075, 19.2671, 34.4562
YIQ	121.7930, 41.9890, 48.5250

Conversions

Conversions Part 2

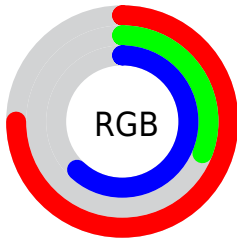
Format	Color
R_{YB}	192, 79, 158
Decimal	12603294
CIE _{Lab}	51.00, 54.30, -20.78
CIE _{LCh}	51, 58.141, 339.063
Yxy	19.2671, 0.3637, 0.2282
Android (android.graphics.Color)	4290793374 (0xFFC04F9E)
YUV	121.7930, 17.8501, 61.5715
Hunter-Lab	43.8943, 48.0596, -15.8155

Details

The Yxy color **19.2671, 0.3637, 0.2282** 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 **40.5548, 0.2856, 0.4622**, and the grayscale version is **19.3222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3635, 0.3535, 0.2483**, and **6.6241, 0.3804, 0.1967** is the 20% darker color. If you saturate the color by 10%, you get **16.6926, 0.3759, 0.2162**, and if you desaturate by 10%, it is **22.6526, 0.3523, 0.2432**.

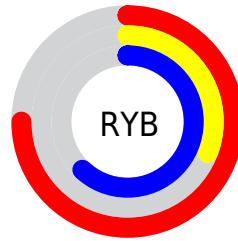
Distribution



Red (75%)

Green (31%)

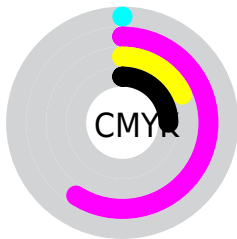
Blue (62%)



Red (75%)

Yellow (31%)

Blue (62%)

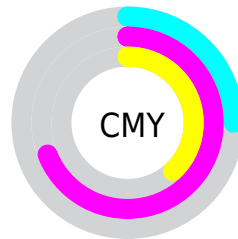


Cyan (0%)

Magenta (59%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2671, 0.3637, 0.2282 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 19.2671, 0.3637, 0.2282 by changing the saturation by 10% instead.


 19.2671, 0.3637,
0.2282


 19.2671, 0.3637,
0.2282


247.9194, 0.3368,
0.2811


 11.8634, 0.3708,
0.2143


 42.1849, 0.3536,
0.2480

 6.6508, 0.3802,
0.1962


 58.4679, 0.3499,
0.2552

 3.2447, 0.3930,
0.1716


 78.4795, 0.3468,
0.2613

 1.2608, 0.4112,
0.1371

 102.6040, 0.3442,
0.2665

 0.1105, 0.4644,
0.0325

 131.2258, 0.3420,
0.2709

 0.0000, 0.5073,
0.0000

164.7294, 0.3400,

 0.0000, 0.0000,

0.2747

0.0000

203.4991, 0.3383,
0.2781

■ 19.2671, 0.3637,
0.2282

■ 19.2671, 0.3637,
0.2282

■ 16.6926, 0.3759,
0.2162

■ 22.6526, 0.3523,
0.2432

■ 14.8551, 0.3886,
0.2081

■ 26.9089, 0.3419,
0.2602

■ 13.6720, 0.4013,
0.2047

■ 32.0934, 0.3328,
0.2781

■ 13.0016, 0.4137,
0.2059

■ 38.2580, 0.3248,
0.2962

■ 12.9353, 0.4152,
0.2061

■ 45.4504, 0.3179,
0.3139

■ 53.7155, 0.3121,
0.3309

■ 63.0953, 0.3072,
0.3469

■ 73.6296, 0.3031,
0.3617

■ 85.3562, 0.2997,
0.3755

Harmonies

Analogous

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



19.2671, 0.2571, 0.1891



19.2671, 0.3637, 0.2282



19.2671, 0.4696, 0.2867

Triad

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



19.2671, 0.3637, 0.2282



19.2671, 0.4311, 0.4996



19.2671, 0.1406, 0.2464

Complementary

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



19.2671, 0.3637, 0.2282



40.5548, 0.2856, 0.4622

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.



19.2671, 0.1710, 0.3499



19.2671, 0.3637, 0.2282



19.2671, 0.3367, 0.5322

Square

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



19.2671, 0.3637, 0.2282



19.2671, 0.5019, 0.4287



19.2671, 0.2412, 0.4741



19.2671, 0.1456, 0.1916

Rectangle

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



19.2671, 0.3637, 0.2282



19.2671, 0.5126, 0.3316



19.2671, 0.2412, 0.4741



19.2671, 0.1465, 0.2754

Sweetspot

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



19.2680, 0.3637, 0.2282



70.0067, 0.3244, 0.2972



12.9020, 0.2292, 0.1548



14.2680, 0.3266, 0.2919



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.2680, 0.3637, 0.2282



29.0115, 0.3801, 0.2130



17.7502, 0.4551, 0.3001



10.1942, 0.3182, 0.3130



8.7181, 0.4137, 0.2053



0.3884, 0.3883, 0.1913

Inverse Universe

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



19.2680, 0.3637, 0.2282



29.0115, 0.3801, 0.2130



42.2426, 0.2527, 0.3646



10.1942, 0.3182, 0.3130



8.7181, 0.4137, 0.2053



0.3884, 0.3883, 0.1913

Previews

White Background



This preview shows how the Yxy color 19.2671, 0.3637, 0.2282 looks on a white background.

Color Contrast Check

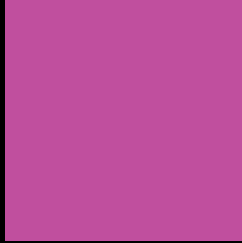
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2671, 0.3637, 0.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

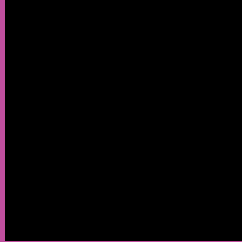
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2671, 0.3637, 0.2282

Background



This preview shows how black text looks on a background with the Yxy color 19.2671, 0.3637, 0.2282.



This preview shows how white text looks on a background with the Yxy color 19.2671, 0.3637, 0.2282.

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

19.2671, 0.3637, 0.2282

Protanopia

19.6920, 0.2275, 0.2139

Deuteranopia

19.6219, 0.2775, 0.2723



Tritanopia

19.1879, 0.4409, 0.3197

Trichromacy



Original Color

19.2671, 0.3637, 0.2282



Protanomaly

18.2230, 0.2651, 0.2137



Deuteranomaly

18.5472, 0.3063, 0.2498



Tritanomaly

19.0513, 0.4129, 0.2842

Monochromacy



Original Color

19.2671, 0.3637, 0.2282



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

18.2604, 0.3310, 0.2804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2671, 0.3637, 0.2282 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(192, 79, 158)` looks like.

```
.text, #text, p{  
    color:rgb(192, 79, 158)  
}
```

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(192, 79, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 79, 158) }
```

Border

The CSS property to change the border of an element to Yxy 19.2671, 0.3637, 0.2282 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(192, 79, 158) }
```

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

```
.border{ border-color:rgb(192, 79, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 79, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 79, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 79, 158); box-shadow:4px 4px 4px 4px rgb(192, 79, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2671, 0.3637, 0.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 79, 158) }
```

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

```
.background{ background-color: rgb(192, 79,  
158) }
```

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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