

Converting Colors

$Yxy(18.7197, 0.3746, 0.2277)$

Have a look what the booklet for
Yxy(18.7197, 0.3746, 0.2277)
contains.

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Color

Yxy(18.7003, 0.3747, 0.2281)

Conversions

Conversions Part 1

Format	Color
Hex	C3499A
RGB	195, 73, 154
RGB Percent	76%, 29%, 60%
CMY	0.2353, 0.7137, 0.3961
CMYK	0.00, 0.63, 0.21, 0.24
HSL	320°, 50%, 53%
HSV	320°, 63%, 76%
XYZ	30.7190, 18.7003, 32.5636
YIQ	118.7120, 46.7110, 51.0550

Conversions

Conversions Part 2

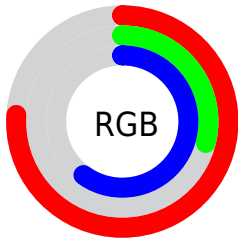
Format	Color
R _{YB}	195, 73, 154
Decimal	12798362
CIE Lab	50.33, 57.21, -19.38
CIE LCh	50, 60.398, 341.287
Yxy	18.7003, 0.3747, 0.2281
Android (android.graphics.Color)	4290988442 (0xFFC3499A)
YUV	118.7120, 17.3970, 66.9046
Hunter-Lab	43.2438, 51.1238, -14.3760

Details

The Yxy color **18.7003, 0.3747, 0.2281** 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 **41.6575, 0.2824, 0.4650**, and the grayscale version is **18.2873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1126, 0.3614, 0.2472**, and **6.3825, 0.3955, 0.1952** is the 20% darker color. If you saturate the color by 10%, you get **16.3152, 0.3889, 0.2181**, and if you desaturate by 10%, it is **21.9023, 0.3613, 0.2415**.

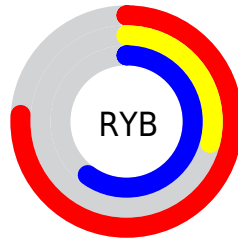
Distribution



Red (76%)

Green (29%)

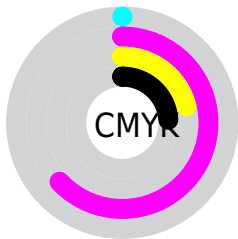
Blue (60%)



Red (76%)

Yellow (29%)

Blue (60%)

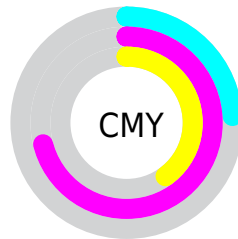


Cyan (0%)

Magenta (63%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (71%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7003, 0.3747, 0.2281 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 18.7003, 0.3747, 0.2281 by changing the saturation by 10% instead.


 18.7003, 0.3747,
0.2281


 18.7003, 0.3747,
0.2281


244.7892, 0.3414,
0.2813


 11.4539, 0.3837,
0.2140


 41.2271, 0.3621,
0.2480


 6.3730, 0.3958,
0.1956


 57.2762, 0.3575,
0.2554


 3.0732, 0.4126,
0.1706


 77.0285, 0.3537,
0.2615

 1.1701, 0.4372,
0.1352

 100.8681, 0.3505,
0.2667

 0.0371, 0.5131,
0.0120

 129.1797, 0.3477,
0.2711

 0.0000, 0.6667,
0.0000

162.3474, 0.3453,

 0.0000, 0.0000,

0.2750

0.0000

200.7558, 0.3433,
0.2783

■ 18.7003, 0.3747,
0.2281

■ 18.7003, 0.3747,
0.2281

■ 16.3152, 0.3889,
0.2181

■ 21.9023, 0.3613,
0.2415

■ 14.6659, 0.4036,
0.2124

■ 25.9864, 0.3492,
0.2572

■ 13.6598, 0.4182,
0.2116

■ 31.0144, 0.3385,
0.2741

■ 13.1981, 0.4289,
0.2136

■ 37.0420, 0.3291,
0.2914

■ 44.1202, 0.3211,
0.3085

■ 52.2967, 0.3143,
0.3249

■ 61.6161, 0.3086,
0.3405

■ 72.1208, 0.3038,
0.3550

■ 83.8507, 0.2998,
0.3684

Harmonies

Analogous

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



18.7003, 0.2616, 0.1861



18.7003, 0.3747, 0.2281



18.7003, 0.4837, 0.2893

Triad

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



18.7003, 0.3747, 0.2281



18.7003, 0.4274, 0.5104



18.7003, 0.1336, 0.2361

Complementary

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



18.7003, 0.3747, 0.2281



41.6575, 0.2824, 0.4650

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.



18.7003, 0.1613, 0.3406



18.7003, 0.3747, 0.2281



18.7003, 0.3284, 0.5421

Square

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



18.7003, 0.3747, 0.2281



18.7003, 0.5046, 0.4361



18.7003, 0.2305, 0.4739



18.7003, 0.1414, 0.1836

Rectangle

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



18.7003, 0.3747, 0.2281



18.7003, 0.5247, 0.3356



18.7003, 0.2305, 0.4739



18.7003, 0.1385, 0.2648

Sweetspot

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



18.7012, 0.3747, 0.2281



70.2714, 0.3263, 0.2970



12.2626, 0.2267, 0.1453



14.6183, 0.3288, 0.2920



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.



18.7012, 0.3747, 0.2281



28.0137, 0.3942, 0.2155



17.1645, 0.4768, 0.3045



10.1881, 0.3188, 0.3138



8.5953, 0.4270, 0.2126



0.3838, 0.3977, 0.1965

Inverse Universe

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



18.7012, 0.3747, 0.2281



28.0137, 0.3942, 0.2155



43.5243, 0.2483, 0.3606



10.1881, 0.3188, 0.3138



8.5953, 0.4270, 0.2126



0.3838, 0.3977, 0.1965

Previews

White Background



This preview shows how the Yxy color 18.7003, 0.3747, 0.2281 looks on a white background.

Color Contrast Check

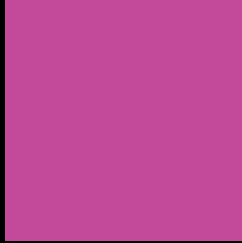
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7003, 0.3747, 0.2281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

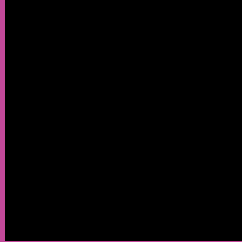
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7003, 0.3747, 0.2281

Background



This preview shows how black text looks on a background with the Yxy color 18.7003, 0.3747, 0.2281.



This preview shows how white text looks on a background with the Yxy color 18.7003, 0.3747, 0.2281.

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

18.7003, 0.3747, 0.2281

Protanopia

19.0107, 0.2252, 0.2111

Deuteranopia

18.9854, 0.2822, 0.2768



Tritanopia

18.6064, 0.4577, 0.3214

Trichromacy



Original Color

18.7003, 0.3747, 0.2281

Protanomaly

17.4626, 0.2654, 0.2112

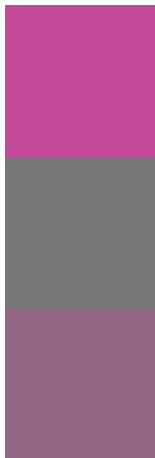
Deuteranomaly

17.9078, 0.3125, 0.2510

Tritanomaly

18.5238, 0.4273, 0.2855

Monochromacy



Original Color

18.7003, 0.3747, 0.2281

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.3717, 0.3357, 0.2784

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7003, 0.3747, 0.2281 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(195, 73, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 73, 154)  
}
```

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(195, 73, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 73, 154) }
```

Border

The CSS property to change the border of an element to Yxy 18.7003, 0.3747, 0.2281 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(195, 73, 154) }
```

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

```
.border{ border-color:rgb(195, 73, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 73, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 73, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 73, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 73,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7003, 0.3747, 0.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 73, 154) }
```

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

```
.background{ background-color: rgb(195, 73,  
154) }
```

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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