

Converting Colors

$Yxy(13.8865, 0.3736, 0.1817)$

Have a look what the booklet for
Yxy(13.8865, 0.3736, 0.1817)
contains.

Yxy(13.9725, 0.3728, 0.1827)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.9725, 0.3728, 0.1827)

Conversions

Conversions Part 1

Format	Color
Hex	C2009F
RGB	194, 0, 159
RGB Percent	76%, 0%, 62%
CMY	0.2391, 1.0000, 0.3765
CMYK	0.00, 1.00, 0.18, 0.24
HSL	311°, 100%, 38%
HSV	311°, 100%, 76%
XYZ	28.5109, 13.9725, 33.9944
YIQ	76.1320, 64.5850, 90.5770

Conversions

Conversions Part 2

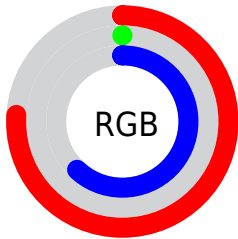
Format	Color
R_{YB}	194, 0, 159
Decimal	12714143
CIE _{Lab}	44.19, 75.25, -31.90
CIE _{LCh}	44, 81.731, 337.029
Yxy	13.9725, 0.3728, 0.1827
Android (android.graphics.Color)	4290904223 (0xFFC2009F)
YUV	76.1320, 40.8539, 103.3702
Hunter-Lab	37.3798, 70.7338, -27.7544

Details

The Yxy color **13.9725, 0.3728, 0.1827** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **38.7169, 0.2954, 0.5835**, and the grayscale version is **7.1691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9053, 0.3613, 0.2104**, and **6.2124, 0.3797, 0.1866** is the 20% darker color. If you saturate the color by 10%, you get **13.9760, 0.3728, 0.1827**, and if you desaturate by 10%, it is **14.5788, 0.3663, 0.1838**.

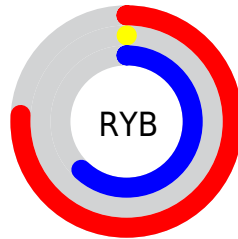
Distribution



Red (76%)

Green (0%)

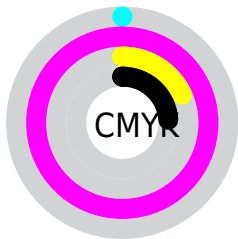
Blue (62%)



Red (76%)

Yellow (0%)

Blue (62%)

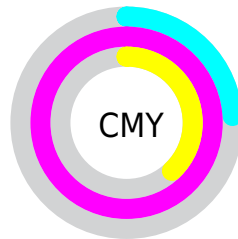


Cyan (0%)

Magenta (100%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (100%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9725, 0.3728, 0.1827 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 13.9725, 0.3728, 0.1827 by changing the saturation by 10% instead.


 13.9725, 0.3728,
0.1827


 13.9725, 0.3728,
0.1827

217.0597, 0.3421,
0.2588


 8.1015, 0.3804,
0.1634


 33.0402, 0.3616,
0.2107

 4.1600, 0.3898,
0.1390


 47.0058, 0.3574,
0.2212

 1.7635, 0.4016,
0.1075


 64.4383, 0.3538,
0.2299


 0.4642, 0.4191,
0.0599

 85.7223, 0.3508,
0.2374

 0.0000, 0.4386,
0.0000

 111.2420, 0.3482,
0.2439

 0.0000, 0.3486,
0.0000

 141.3818, 0.3459,

 0.0000, 0.0000,

0.2495

0.0000

176.5263, 0.3438,
0.2544

■ 13.9725, 0.3728,
0.1827

■ 13.9725, 0.3728,
0.1827

■ 13.9760, 0.3728,
0.1827

■ 14.5788, 0.3663,
0.1838

■ 15.6644, 0.3595,
0.1886

■ 17.4036, 0.3525,
0.1980

■ 19.8839, 0.3455,
0.2114

■ 23.1796, 0.3388,
0.2281

■ 27.3556, 0.3324,
0.2472

■ 32.4706, 0.3266,
0.2675

■ 38.5780, 0.3213,
0.2884

■ 45.7272, 0.3167,
0.3090

Harmonies

Analogous

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



13.9725, 0.2191, 0.1369



13.9725, 0.3728, 0.1827



13.9725, 0.5438, 0.2530

Triad

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



13.9725, 0.3728, 0.1827



13.9725, 0.4579, 0.5421



13.9725, 0.0816, 0.2046

Complementary

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



13.9725, 0.3728, 0.1827



38.7169, 0.2954, 0.5835

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.



13.9725, 0.1125, 0.3645



13.9725, 0.3728, 0.1827



13.9725, 0.3241, 0.6408

Square

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



13.9725, 0.3728, 0.1827



13.9725, 0.5726, 0.4254



13.9725, 0.1999, 0.5876



13.9725, 0.0887, 0.1383

Rectangle

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



13.9725, 0.3728, 0.1827



13.9725, 0.6078, 0.3045



13.9725, 0.1999, 0.5876



13.9725, 0.0867, 0.2451

Sweetspot

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



13.9760, 0.3728, 0.1827



58.3302, 0.3268, 0.2666



4.2087, 0.1571, 0.0639



11.8620, 0.3293, 0.2577



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.



13.9760, 0.3728, 0.1827



25.2784, 0.3737, 0.1832



11.8507, 0.5649, 0.2886



10.2153, 0.3165, 0.3103



9.1971, 0.3720, 0.1823



0.4057, 0.3587, 0.1750

Inverse Universe

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



13.9760, 0.3728, 0.1827



25.2784, 0.3737, 0.1832



40.1897, 0.2562, 0.4422



10.2153, 0.3165, 0.3103



9.1971, 0.3720, 0.1823



0.4057, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 13.9725, 0.3728, 0.1827 looks on a white 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

Black Background



This preview shows how the Yxy color 13.9725, 0.3728, 0.1827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

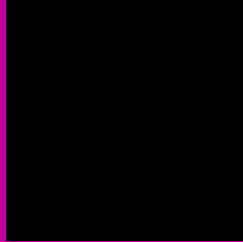
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9725, 0.3728, 0.1827

Background



This preview shows how black text looks on a background with the Yxy color 13.9725, 0.3728, 0.1827.



This preview shows how white text looks on a background with the Yxy color 13.9725, 0.3728, 0.1827.

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

13.9725, 0.3728, 0.1827

Protanopia

14.8150, 0.1739, 0.1461

Deuteranopia

14.5484, 0.2486, 0.2429



Tritanopia

14.3875, 0.5216, 0.3261

Trichromacy



Original Color

13.9725, 0.3728, 0.1827



Protanomaly

9.2672, 0.1881, 0.1192



Deuteranomaly

10.9813, 0.2841, 0.1856



Tritanomaly

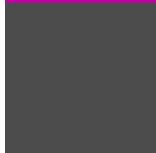
13.2565, 0.4747, 0.2617

Monochromacy



Original Color

13.9725, 0.3728, 0.1827



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.0765, 0.3440, 0.2161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9725, 0.3728, 0.1827 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(194, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 159)  
}
```

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(194, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 159) }
```

Border

The CSS property to change the border of an element to Yxy 13.9725, 0.3728, 0.1827 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(194, 0, 159) }
```

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

```
.border{ border-color:rgb(194, 0, 159) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9725, 0.3728, 0.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 159) }
```

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

```
.background{ background-color: rgb(194, 0,  
159) }
```

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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