

Converting Colors

$Yxy(17.0748, 0.3765, 0.1987)$

Have a look what the booklet for
Yxy(17.0748, 0.3765, 0.1987)
contains.

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Color

Yxy(17.1036, 0.3758, 0.1984)

Conversions

Conversions Part 1

Format	Color
Hex	CC29A4
RGB	204, 41, 164
RGB Percent	80%, 16%, 64%
CMY	0.1999, 0.8392, 0.3569
CMYK	0.00, 0.80, 0.20, 0.20
HSL	315°, 67%, 48%
HSV	315°, 80%, 80%
XYZ	32.3968, 17.1036, 36.7072
YIQ	103.7590, 57.6650, 72.8090

Conversions

Conversions Part 2

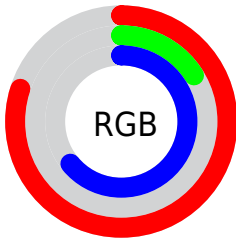
Format	Color
RYB	204, 41, 164
Decimal	13380004
CIELab	48.39, 71.72, -28.18
CIElCh	48, 77.060, 338.551
Yxy	17.1036, 0.3758, 0.1984
Android (android.graphics.Color)	4291570084 (0xFFCC29A4)
YUV	103.7590, 29.6988, 87.9114
Hunter-Lab	41.3565, 67.4551, -23.6751

Details

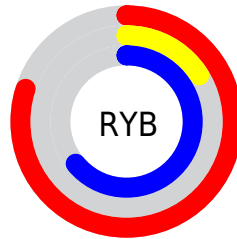
The Yxy color **17.1036, 0.3758, 0.1984** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **44.2577, 0.2880, 0.5312**, and the grayscale version is **13.6831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6825, 0.3547, 0.2199**, and **7.1896, 0.3869, 0.1905** is the 20% darker color. If you saturate the color by 10%, you get **15.8630, 0.3856, 0.1947**, and if you desaturate by 10%, it is **19.0835, 0.3658, 0.2068**.

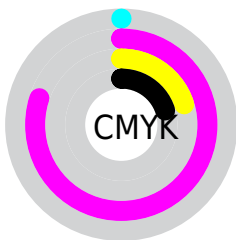
Distribution



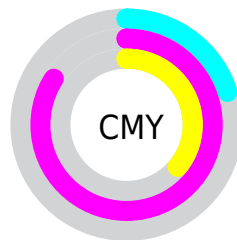
- Red (80%)
- Green (16%)
- Blue (64%)



- Red (80%)
- Yellow (16%)
- Blue (64%)



- Cyan (0%)
- Magenta (80%)
- Yellow (20%)
- Black (20%)





- Cyan (20%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1036, 0.3758, 0.1984 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 17.1036, 0.3758, 0.1984 by changing the saturation by 10% instead.


 17.1036, 0.3758,
0.1984


 17.1036, 0.3758,
0.1984


235.7687, 0.3432,
0.2656

 10.3084, 0.3841,
0.1814


 38.5038, 0.3638,
0.2231


 5.6039, 0.3947,
0.1598


 53.8776, 0.3593,
0.2323

 2.6058, 0.4085,
0.1316


 72.8797, 0.3556,
0.2401

 0.9296, 0.4270,
0.0944

 95.8945, 0.3524,
0.2467

 0.0000, 0.4732,
0.0000

 123.3064, 0.3496,
0.2524

 0.0000, 0.4812,
0.0000

155.4998, 0.3472,

 0.0000, 0.0000,

0.2574

0.0000

192.8591, 0.3451,
0.2618

■ 17.1036, 0.3758,
0.1984

■ 17.1036, 0.3758,
0.1984

■ 15.8630, 0.3856,
0.1947

■ 19.0835, 0.3658,
0.2068

■ 15.1752, 0.3952,
0.1951

■ 21.8995, 0.3560,
0.2193


■ 15.1695, 0.3953,
0.1951


■ 25.6364, 0.3467,
0.2351

■ 30.3679, 0.3382,
0.2530

■ 36.1603, 0.3304,
0.2721

 43.0740, 0.3236,
0.2915

 51.1650, 0.3177,
0.3107

 60.4855, 0.3127,
0.3292

 71.0845, 0.3084,
0.3466

Harmonies

Analogous

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



17.1036, 0.2348, 0.1531



17.1036, 0.3758, 0.1984



17.1036, 0.5243, 0.2664

Triad

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



17.1036, 0.3758, 0.1984



17.1036, 0.4486, 0.5356



17.1036, 0.0979, 0.2147

Complementary

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



17.1036, 0.3758, 0.1984



44.2577, 0.2880, 0.5312

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.



17.1036, 0.1285, 0.3540



17.1036, 0.3758, 0.1984



17.1036, 0.3274, 0.6092

Square

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



17.1036, 0.3758, 0.1984



17.1036, 0.5480, 0.4314



17.1036, 0.2107, 0.5435



17.1036, 0.1053, 0.1528

Rectangle

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



17.1036, 0.3758, 0.1984



17.1036, 0.5799, 0.3170



17.1036, 0.2107, 0.5435



17.1036, 0.1032, 0.2511

Sweetspot

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



17.1045, 0.3758, 0.1984



66.0442, 0.3265, 0.2830



7.6095, 0.1857, 0.0947



13.2698, 0.3290, 0.2759



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.



17.1045, 0.3758, 0.1984



25.4164, 0.3926, 0.1949



15.0722, 0.5219, 0.2880



11.3548, 0.3175, 0.3117



9.5619, 0.3940, 0.1944



0.5048, 0.3768, 0.1849

Inverse Universe

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



17.1045, 0.3758, 0.1984



25.4164, 0.3926, 0.1949



46.2203, 0.2491, 0.3984



11.3548, 0.3175, 0.3117



9.5619, 0.3940, 0.1944



0.5048, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 17.1036, 0.3758, 0.1984 looks on a white background.

Color Contrast Check

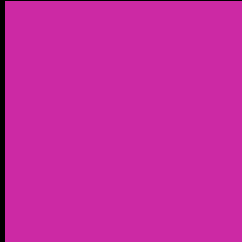
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1036, 0.3758, 0.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

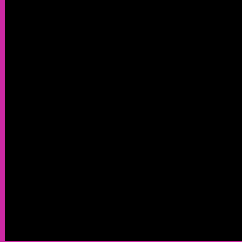
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1036, 0.3758, 0.1984

Background



This preview shows how black text looks on a background with the Yxy color 17.1036, 0.3758, 0.1984.



This preview shows how white text looks on a background with the Yxy color 17.1036, 0.3758, 0.1984.

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

17.1036, 0.3758, 0.1984

Protanopia

17.6210, 0.1877, 0.1620

Deuteranopia

17.4044, 0.2589, 0.2537



Tritanopia

17.1712, 0.5062, 0.3249

Trichromacy



Original Color

17.1036, 0.3758, 0.1984



Protanomaly

14.0769, 0.2218, 0.1556



Deuteranomaly

14.9477, 0.2952, 0.2146



Tritanomaly

16.7210, 0.4618, 0.2733

Monochromacy



Original Color

17.1036, 0.3758, 0.1984



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

12.9667, 0.3382, 0.2503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1036, 0.3758, 0.1984 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(204, 41, 164)` looks like.

```
.text, #text, p{  
    color:rgb(204, 41, 164)  
}
```

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(204, 41, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 41, 164) }
```

Border

The CSS property to change the border of an element to Yxy 17.1036, 0.3758, 0.1984 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(204, 41, 164) }
```

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

```
.border{ border-color:rgb(204, 41, 164) }
```

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

Here you see how a box with a 4 pixel rgb(204, 41, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 41, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 41, 164);  
box-shadow:4px 4px 4px 4px rgb(204, 41,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1036, 0.3758, 0.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 41, 164) }
```

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

```
.background{ background-color: rgb(204, 41,  
164) }
```

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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