

Converting Colors

$Y_{xy}(17.5288, 0.3265, 0.1739)$

Have a look what the booklet for
Yxy(17.5288, 0.3265, 0.1739)
contains.

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Color

Yxy(17.5164, 0.3264, 0.1738)

Conversions

Conversions Part 1

Format	Color
Hex	C331BE
RGB	195, 49, 190
RGB Percent	76%, 19%, 75%
CMY	0.2354, 0.8077, 0.2548
CMYK	0.00, 0.75, 0.03, 0.24
HSL	302°, 60%, 48%
HSV	302°, 75%, 76%
XYZ	32.8962, 17.5164, 50.3722
YIQ	108.7280, 41.7550, 74.8030

Conversions

Conversions Part 2

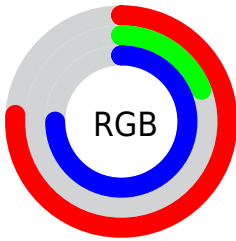
Format	Color
R _Y B	195, 49, 190
Decimal	12792254
CIE Lab	48.90, 71.29, -42.78
CIE LCh	49, 83.143, 329.035
Yxy	17.5164, 0.3264, 0.1738
Android (android.graphics.Color)	4290982334 (0xFFC331BE)
YUV	108.7280, 40.0671, 75.6605
Hunter-Lab	41.8526, 67.0590, -42.0624

Details

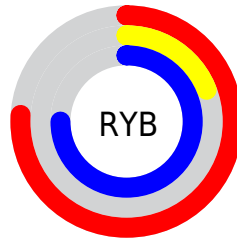
The Yxy color **17.5164, 0.3264, 0.1738** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **39.9423, 0.3001, 0.5590**, and the grayscale version is **15.0915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3443, 0.3262, 0.2015**, and **7.0959, 0.3227, 0.1551** is the 20% darker color. If you saturate the color by 10%, you get **16.1942, 0.3278, 0.1650**, and if you desaturate by 10%, it is **19.5455, 0.3247, 0.1869**.

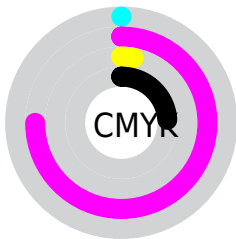
Distribution



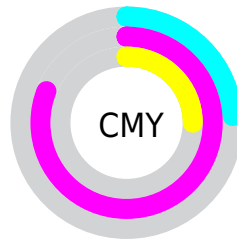
- Red (76%)
- Green (19%)
- Blue (75%)



- Red (76%)
- Yellow (19%)
- Blue (75%)



- Cyan (0%)
- Magenta (75%)
- Yellow (3%)
- Black (24%)





- Cyan (24%)
- Magenta (81%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5164, 0.3264, 0.1738 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 17.5164, 0.3264, 0.1738 by changing the saturation by 10% instead.


 17.5164, 0.3264,
0.1738


 17.5164, 0.3264,
0.1738


238.1309, 0.3230,
0.2507


 10.6034, 0.3259,
0.1556


 39.2115, 0.3261,
0.2012


 5.8008, 0.3243,
0.1332


 54.7624, 0.3258,
0.2117


 2.7243, 0.3205,
0.1053


 73.9614, 0.3253,
0.2206

 0.9896, 0.3119,
0.0712

 97.1928, 0.3248,
0.2283

 0.0000, 0.3023,
0.0000

 124.8410, 0.3244,
0.2350

 0.0000, 0.2384,
0.0000

157.2906, 0.3239,

 0.0000, 0.0000,

0.2409

0.0000

194.9257, 0.3235,
0.2461

■ 17.5164, 0.3264,
0.1738

■ 17.5164, 0.3264,
0.1738

■ 16.1942, 0.3278,
0.1650

■ 19.5455, 0.3247,
0.1869

■ 15.4783, 0.3291,
0.1604

■ 22.3600, 0.3229,
0.2038

■ 15.2457, 0.3296,
0.1590

■ 26.0306, 0.3210,
0.2238

■ 30.6195, 0.3190,
0.2462

■ 36.1832, 0.3171,
0.2698

■ 42.7735, 0.3153,
0.2939

■ 50.4387, 0.3135,
0.3177

■ 59.2239, 0.3119,
0.3407

■ 69.1718, 0.3105,
0.3624

Harmonies

Analogous

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



17.5164, 0.1947, 0.1368



17.5164, 0.3264, 0.1738



17.5164, 0.4934, 0.2378

Triad

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



17.5164, 0.3264, 0.1738



17.5164, 0.4899, 0.5077



17.5164, 0.0934, 0.2423

Complementary

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



17.5164, 0.3264, 0.1738



39.9423, 0.3001, 0.5590

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.



17.5164, 0.1387, 0.4204



17.5164, 0.3264, 0.1738



17.5164, 0.3628, 0.6090

Square

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



17.5164, 0.3264, 0.1738



17.5164, 0.5806, 0.3986



17.5164, 0.2384, 0.6061



17.5164, 0.0909, 0.1574

Rectangle

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



17.5164, 0.3264, 0.1738



17.5164, 0.5755, 0.2881



17.5164, 0.2384, 0.6061



17.5164, 0.1027, 0.2906

Sweetspot

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



17.5172, 0.3264, 0.1738



67.6090, 0.3166, 0.2759



6.9196, 0.1739, 0.0965



14.1343, 0.3172, 0.2692



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.



17.5172, 0.3264, 0.1738



28.0609, 0.3287, 0.1615



15.0864, 0.4449, 0.2503



10.2414, 0.3143, 0.3071



9.9135, 0.3295, 0.1589



0.4302, 0.3274, 0.1577

Inverse Universe

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



17.5172, 0.3264, 0.1738



28.0609, 0.3287, 0.1615



41.2050, 0.2660, 0.4455



10.2414, 0.3143, 0.3071



9.9135, 0.3295, 0.1589



0.4302, 0.3274, 0.1577

Previews

White Background



This preview shows how the Yxy color 17.5164, 0.3264, 0.1738 looks on a white background.

Color Contrast Check

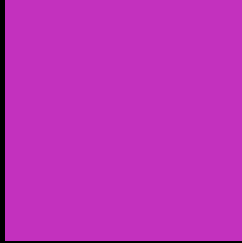
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5164, 0.3264, 0.1738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

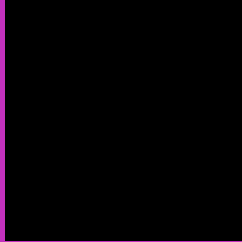
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5164, 0.3264, 0.1738

Background



This preview shows how black text looks on a background with the Yxy color 17.5164, 0.3264, 0.1738.



This preview shows how white text looks on a background with the Yxy color 17.5164, 0.3264, 0.1738.

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

17.5164, 0.3264, 0.1738

Protanopia

18.0422, 0.1739, 0.1460

Deuteranopia

17.9492, 0.2238, 0.2190



Tritanopia

17.4427, 0.4587, 0.3212

Trichromacy



Original Color

17.5164, 0.3264, 0.1738



Protanomaly

13.8724, 0.1870, 0.1344



Deuteranomaly

15.4750, 0.2503, 0.1850



Tritanomaly

16.8584, 0.4095, 0.2567

Monochromacy



Original Color

17.5164, 0.3264, 0.1738



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.2268, 0.3197, 0.2418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5164, 0.3264, 0.1738 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, 49, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 49, 190)  
}
```

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, 49, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 49, 190) }
```

Border

The CSS property to change the border of an element to Yxy 17.5164, 0.3264, 0.1738 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, 49, 190) }
```

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

```
.border{ border-color:rgb(195, 49, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 49, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 49, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 49, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 49,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5164, 0.3264, 0.1738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 49, 190) }
```

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

```
.background{ background-color: rgb(195, 49,  
190) }
```

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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