

Converting Colors

$Y_{xy}(17.9452, 0.4634, 0.2434)$

Have a look what the booklet for
Yxy(17.9452, 0.4634, 0.2434)
contains.

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Color

Yxy(17.9375, 0.4627, 0.2429)

Conversions

Conversions Part 1

Format	Color
Hex	DD207F
RGB	221, 32, 127
RGB Percent	87%, 13%, 50%
CMY	0.1333, 0.8746, 0.5020
CMYK	0.00, 0.86, 0.43, 0.13
HSL	330°, 75%, 50%
HSV	330°, 86%, 87%
XYZ	34.1691, 17.9375, 21.7406
YIQ	99.3410, 82.1490, 69.6130

Conversions

Conversions Part 2

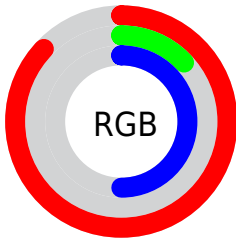
Format	Color
R_{YB}	221, 32, 127
Decimal	14491775
CIE _{Lab}	49.42, 73.54, -4.10
CIE _{LCh}	49, 73.654, 356.807
Yxy	17.9375, 0.4627, 0.2429
Android (android.graphics.Color)	4292681855 (0xFFDD207F)
YUV	99.3410, 13.6359, 106.6949
Hunter-Lab	42.3527, 69.8923, -0.7881

Details

The Yxy color **17.9375, 0.4627, 0.2429** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **53.5326, 0.2693, 0.4770**, and the grayscale version is **12.5150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0580, 0.4012, 0.2519**, and **8.0236, 0.4989, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **16.8498, 0.4867, 0.2479**, and if you desaturate by 10%, it is **19.8549, 0.4380, 0.2434**.

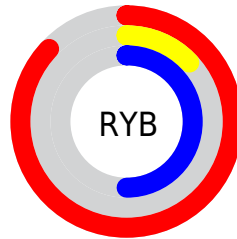
Distribution



Red (87%)

Green (13%)

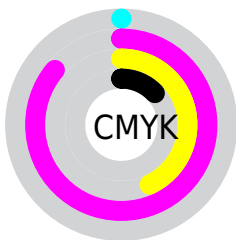
Blue (50%)



Red (87%)

Yellow (13%)

Blue (50%)

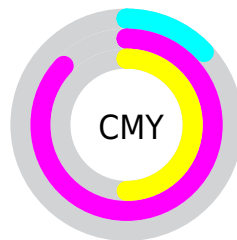


Cyan (0%)

Magenta (86%)

Yellow (43%)

Black (13%)



Cyan (13%)


Magenta (87%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9375, 0.4627, 0.2429 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 17.9375, 0.4627, 0.2429 by changing the saturation by 10% instead.


 17.9375, 0.4627,
0.2429


 17.9375, 0.4627,
0.2429


240.5185, 0.3778,
0.2908


 10.9051, 0.4875,
0.2293


 39.9308, 0.4292,
0.2615


 6.0031, 0.5216,
0.2108


 55.6605, 0.4175,
0.2682


 2.8469, 0.5709,
0.1847

 75.0581, 0.4079,
0.2736

 1.0524, 0.6466,
0.1458

 98.5080, 0.3998,
0.2782

 0.0000, 0.9058,
0.0000

 126.3946, 0.3930,
0.2820

 0.0000, 1.0000,
0.0000

 159.1023, 0.3872,

 0.0000, 0.0000,

0.2854

0.0000

197.0155, 0.3822,
0.2883

■ 17.9375, 0.4627,
0.2429

■ 17.9375, 0.4627,
0.2429

■ 16.8498, 0.4867,
0.2479

■ 19.8549, 0.4380,
0.2434

■ 16.5240, 0.4973,
0.2513

■ 22.7378, 0.4140,
0.2488

■ 26.7002, 0.3918,
0.2579

■ 31.8392, 0.3720,
0.2696

■ 38.2412, 0.3547,
0.2826

45.9843, 0.3401,
0.2961

55.1402, 0.3278,
0.3094

65.7756, 0.3176,
0.3222

77.9527, 0.3091,
0.3343

Harmonies

Analogous

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



17.9375, 0.3159, 0.1837



17.9375, 0.4627, 0.2429



17.9375, 0.5632, 0.3160

Triad

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



17.9375, 0.4627, 0.2429



17.9375, 0.3769, 0.5775



17.9375, 0.1064, 0.1778

Complementary

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



17.9375, 0.4627, 0.2429



53.5326, 0.2693, 0.4770

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.



17.9375, 0.1131, 0.2638



17.9375, 0.4627, 0.2429



17.9375, 0.2603, 0.5740

Square

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



17.9375, 0.4627, 0.2429



17.9375, 0.4870, 0.4907



17.9375, 0.1628, 0.4241



17.9375, 0.1334, 0.1467

Rectangle

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



17.9375, 0.4627, 0.2429



17.9375, 0.5737, 0.3685



17.9375, 0.1628, 0.4241



17.9375, 0.1047, 0.1989

Sweetspot

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



17.9385, 0.4627, 0.2429



62.8016, 0.3410, 0.2951



10.4897, 0.2145, 0.1033



12.6052, 0.3459, 0.2904



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.



17.9385, 0.4627, 0.2429



22.8233, 0.4990, 0.2522



16.5283, 0.6086, 0.3283



13.1602, 0.3213, 0.3173



9.6207, 0.4938, 0.2494



0.6407, 0.4581, 0.2297

Inverse Universe

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



17.9385, 0.4627, 0.2429



22.8233, 0.4990, 0.2522



57.0813, 0.2281, 0.3331



13.1602, 0.3213, 0.3173



9.6207, 0.4938, 0.2494



0.6407, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 17.9375, 0.4627, 0.2429 looks on a white background.

Color Contrast Check

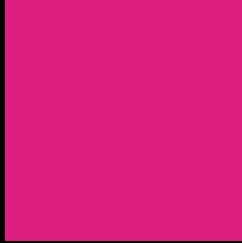
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9375, 0.4627, 0.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

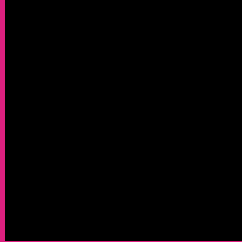
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9375, 0.4627, 0.2429

Background



This preview shows how black text looks on a background with the Yxy color 17.9375, 0.4627, 0.2429.



This preview shows how white text looks on a background with the Yxy color 17.9375, 0.4627, 0.2429.

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

17.9375, 0.4627, 0.2429

Protanopia

18.2618, 0.2356, 0.2238

Deuteranopia

18.3153, 0.3286, 0.3235



Tritanopia

17.9937, 0.5628, 0.3281

Trichromacy



Original Color

17.9375, 0.4627, 0.2429



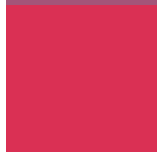
Protanomaly

14.8398, 0.2966, 0.2113



Deuteranomaly

15.6640, 0.3797, 0.2727



Tritanomaly

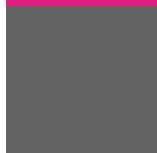
17.6594, 0.5318, 0.2975

Monochromacy



Original Color

17.9375, 0.4627, 0.2429



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

11.9759, 0.3733, 0.2692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9375, 0.4627, 0.2429 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(221, 32, 127)` looks like.

```
.text, #text, p{  
    color:rgb(221, 32, 127)  
}
```

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(221, 32, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 32, 127) }
```

Border

The CSS property to change the border of an element to Yxy 17.9375, 0.4627, 0.2429 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(221, 32, 127) }
```

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

```
.border{ border-color:rgb(221, 32, 127) }
```

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

Here you see how a box with a 4 pixel rgb(221, 32, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 32, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 32, 127);  
box-shadow:4px 4px 4px 4px rgb(221, 32,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9375, 0.4627, 0.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 32, 127) }
```

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

```
.background{ background-color: rgb(221, 32,  
127) }
```

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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