

Converting Colors

$Y_{xy}(16.3210, 0.4474, 0.2727)$

Have a look what the booklet for
Yxy(16.3210, 0.4474, 0.2727)
contains.

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Color

Yxy(16.2657, 0.4475, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	C1416F
RGB	193, 65, 111
RGB Percent	76%, 25%, 44%
CMY	0.2431, 0.7451, 0.5648
CMYK	0.00, 0.66, 0.42, 0.24
HSL	338°, 51%, 51%
HSV	338°, 66%, 76%
XYZ	26.7508, 16.2657, 16.7619
YIQ	108.5160, 61.5220, 41.4420

Conversions

Conversions Part 2

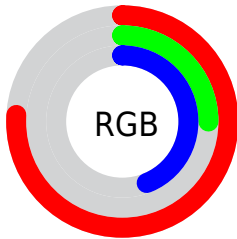
Format	Color
R_{YB}	193, 65, 111
Decimal	12665199
CIE _{Lab}	47.32, 54.73, 1.99
CIE _{LCh}	47, 54.770, 2.077
Yxy	16.2657, 0.4475, 0.2721
Android (android.graphics.Color)	4290855279 (0xFFC1416F)
YUV	108.5160, 1.2246, 74.0925
Hunter-Lab	40.3308, 47.8177, 3.5900

Details

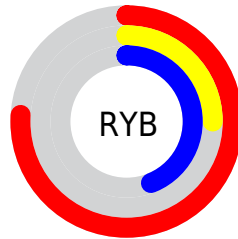
The Yxy color **16.2657, 0.4475, 0.2721** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **41.3718, 0.2598, 0.4052**, and the grayscale version is **15.1333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9242, 0.4162, 0.2859**, and **5.5211, 0.5013, 0.2535** is the 20% darker color. If you saturate the color by 10%, you get **14.1624, 0.4801, 0.2699**, and if you desaturate by 10%, it is **19.1653, 0.4173, 0.2778**.

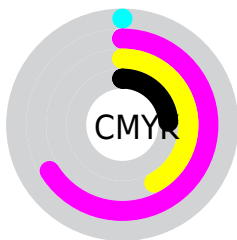
Distribution



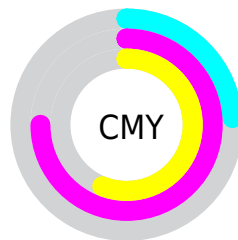
- Red (76%)
- Green (25%)
- Blue (44%)



- Red (76%)
- Yellow (25%)
- Blue (44%)



- Cyan (0%)
- Magenta (66%)
- Yellow (42%)
- Black (24%)




- Cyan (24%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.2657, 0.4475, 0.2721 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 16.2657, 0.4475, 0.2721 by changing the saturation by 10% instead.


 16.2657, 0.4475,
0.2721


 16.2657, 0.4475,
0.2721


230.9045, 0.3689,
0.3057


 9.7124, 0.4718,
0.2615


 37.0589, 0.4157,
0.2858


 5.2087, 0.5063,
0.2463

 52.0675, 0.4048,
0.2905

 2.3702, 0.5584,
0.2230

 70.6633, 0.3960,
0.2942

 0.8105, 0.6468,
0.1842

 93.2307, 0.3887,
0.2973

 0.0000, 1.0000,
0.0000

 120.1542, 0.3825,
0.2999

 0.0000, 0.0000,
0.0000

151.8180, 0.3773,

0.3022

188.6067, 0.3728,
0.3040

■ 16.2657, 0.4475,
0.2721

■ 16.2657, 0.4475,
0.2721

■ 14.1624, 0.4801,
0.2699

■ 19.1653, 0.4173,
0.2778

■ 12.7704, 0.5132,
0.2724

■ 22.9295, 0.3905,
0.2858

■ 11.9845, 0.5441,
0.2798

■ 27.6222, 0.3677,
0.2951

■ 11.7710, 0.5549,
0.2831

■ 33.3004, 0.3485,
0.3048

■ 40.0166, 0.3327,
0.3143

■ 47.8194, 0.3197,
0.3235

■ 56.7546, 0.3090,
0.3321

■ 66.8650, 0.3003,
0.3400

■ 78.1915, 0.2932,
0.3473

Harmonies

Analogous

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



16.2657, 0.3371, 0.2173



16.2657, 0.4475, 0.2721



16.2657, 0.5157, 0.3387

Triad

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



16.2657, 0.4475, 0.2721



16.2657, 0.3596, 0.5306



16.2657, 0.1419, 0.2008

Complementary

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



16.2657, 0.4475, 0.2721



41.3718, 0.2598, 0.4052

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.



16.2657, 0.1447, 0.2663



16.2657, 0.4475, 0.2721



16.2657, 0.2624, 0.4958

Square

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



16.2657, 0.4475, 0.2721



16.2657, 0.4503, 0.4843



16.2657, 0.1843, 0.3795



16.2657, 0.1717, 0.1768

Rectangle

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



16.2657, 0.4475, 0.2721



16.2657, 0.5207, 0.3865



16.2657, 0.1843, 0.3795



16.2657, 0.1392, 0.2173

Sweetspot

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



16.2666, 0.4475, 0.2721



66.6322, 0.3386, 0.3105



13.7497, 0.2627, 0.1545



13.5688, 0.3432, 0.3078



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2666, 0.4475, 0.2721



23.9847, 0.4966, 0.2705



17.7654, 0.5112, 0.3497



10.1363, 0.3234, 0.3208



7.8432, 0.5515, 0.2812



0.3521, 0.4894, 0.2469

Inverse Universe

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



16.2666, 0.4475, 0.2721



23.9847, 0.4966, 0.2705



35.9996, 0.2290, 0.3018



10.1363, 0.3234, 0.3208



7.8432, 0.5515, 0.2812



0.3521, 0.4894, 0.2469

Previews

White Background



This preview shows how the Yxy color 16.2657, 0.4475, 0.2721 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 16.2657, 0.4475, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

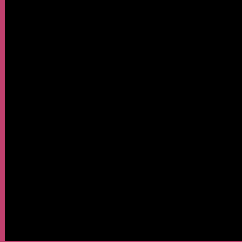
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.2657, 0.4475, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 16.2657, 0.4475, 0.2721.

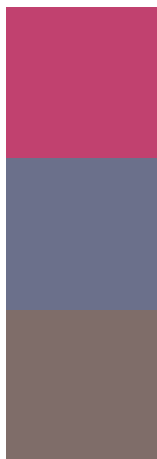


This preview shows how white text looks on a background with the Yxy color 16.2657, 0.4475, 0.2721.

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

16.2657, 0.4475, 0.2721

Protanopia

16.5782, 0.2760, 0.2770

Deuteranopia

16.4692, 0.3430, 0.3368



Tritanopia

16.2469, 0.5006, 0.3235

Trichromacy



Original Color

16.2657, 0.4475, 0.2721

Protanomaly

15.1727, 0.3285, 0.2689

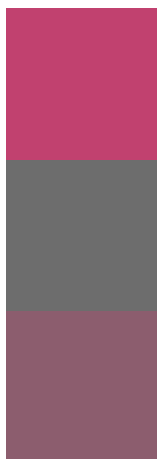
Deuteranomaly

15.4695, 0.3814, 0.3053

Tritanomaly

16.1840, 0.4836, 0.3049

Monochromacy



Original Color

16.2657, 0.4475, 0.2721

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.5299, 0.3602, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2657, 0.4475, 0.2721 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(193, 65, 111)` looks like.

```
.text, #text, p{  
    color:rgb(193, 65, 111)  
}
```

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(193, 65, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 65, 111) }
```

Border

The CSS property to change the border of an element to Yxy 16.2657, 0.4475, 0.2721 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(193, 65, 111) }
```

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

```
.border{ border-color:rgb(193, 65, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 65, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 65, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 65, 111);  
box-shadow:4px 4px 4px 4px rgb(193, 65,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2657, 0.4475, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 65, 111) }
```

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

```
.background{ background-color: rgb(193, 65,  
111) }
```

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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