

Converting Colors

$Y_{xy}(17.4582, 0.4700, 0.2997)$

Have a look what the booklet for
Yxy(17.4582, 0.4700, 0.2997)
contains.

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Color

Yxy(17.5152, 0.4693, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	C44A62
RGB	196, 74, 98
RGB Percent	77%, 29%, 38%
CMY	0.2314, 0.7098, 0.6157
CMYK	0.00, 0.62, 0.50, 0.23
HSL	348°, 51%, 53%
HSV	348°, 62%, 77%
XYZ	27.4179, 17.5152, 13.4899
YIQ	113.2140, 65.0080, 33.3280

Conversions

Conversions Part 2

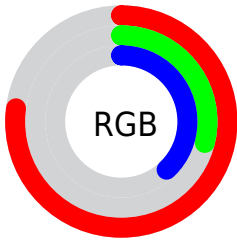
Format	Color
R_{YB}	196, 74, 98
Decimal	12864098
CIE _{Lab}	48.90, 50.62, 12.20
CIE _{LCh}	49, 52.067, 13.548
Yxy	17.5152, 0.4693, 0.2998
Android (android.graphics.Color)	4291054178 (0xFFC44A62)
YUV	113.2140, -7.5005, 72.6033
Hunter-Lab	41.8512, 43.7009, 10.1849

Details

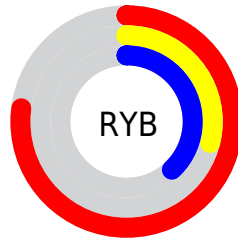
The Yxy color **17.5152, 0.4693, 0.2998** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **43.9143, 0.2504, 0.3664**, and the grayscale version is **16.5897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8365, 0.4317, 0.3087**, and **5.7834, 0.5359, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **15.0252, 0.5102, 0.2991**, and if you desaturate by 10%, it is **20.8807, 0.4316, 0.3029**.

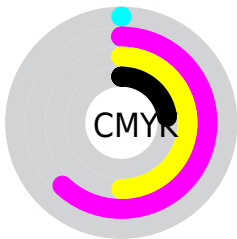
Distribution



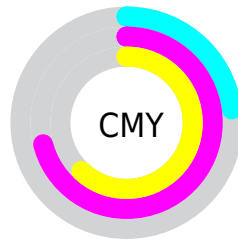
- Red (77%)
- Green (29%)
- Blue (38%)



- Red (77%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (62%)
- Yellow (50%)
- Black (23%)





- Cyan (23%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5152, 0.4693, 0.2998 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 17.5152, 0.4693, 0.2998 by changing the saturation by 10% instead.


 17.5152, 0.4693,
0.2998


 17.5152, 0.4693,
0.2998


238.1241, 0.3781,
0.3195


 10.6025, 0.4971,
0.2924


 39.2095, 0.4326,
0.3086


 5.8002, 0.5361,
0.2810

 54.7599, 0.4199,
0.3114


 2.7240, 0.5938,
0.2617

 73.9582, 0.4097,
0.3135

 0.9894, 0.7124,
0.2352

 97.1890, 0.4012,
0.3152

 0.0000, 1.0000,
0.0000

 124.8366, 0.3940,
0.3166

 0.0000, 0.0000,
0.0000

157.2854, 0.3879,

0.3177

194.9197, 0.3827,
0.3187

■ 17.5152, 0.4693,
0.2998

■ 17.5152, 0.4693,
0.2998

■ 15.0252, 0.5102,
0.2991

■ 20.8807, 0.4316,
0.3029

■ 13.3258, 0.5510,
0.3015

■ 25.1906, 0.3988,
0.3074

■ 12.3200, 0.5869,
0.3073

■ 30.5100, 0.3714,
0.3125

■ 11.8790, 0.6092,
0.3130

■ 36.8975, 0.3488,
0.3178

■ 44.4074, 0.3305,
0.3230

■ 53.0899, 0.3156,
0.3280

■ 62.9925, 0.3036,
0.3325

■ 74.1600, 0.2939,
0.3366

■ 86.6347, 0.2859,
0.3404

Harmonies

Analogous

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



17.5152, 0.3763, 0.2419



17.5152, 0.4693, 0.2998



17.5152, 0.5088, 0.3662

Triad

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



17.5152, 0.4693, 0.2998



17.5152, 0.3235, 0.5137



17.5152, 0.1584, 0.1960

Complementary

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



17.5152, 0.4693, 0.2998



43.9143, 0.2504, 0.3664

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.



17.5152, 0.1493, 0.2425



17.5152, 0.4693, 0.2998



17.5152, 0.2353, 0.4465

Square

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



17.5152, 0.4693, 0.2998



17.5152, 0.4136, 0.4974



17.5152, 0.1737, 0.3325



17.5152, 0.1995, 0.1846

Rectangle

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



17.5152, 0.4693, 0.2998



17.5152, 0.4981, 0.4127



17.5152, 0.1737, 0.3325



17.5152, 0.1518, 0.2071

Sweetspot

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



17.5162, 0.4693, 0.2998



70.6297, 0.3430, 0.3194



17.6098, 0.2904, 0.1743



14.3169, 0.3487, 0.3179



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.



17.5162, 0.4693, 0.2998



25.8452, 0.5266, 0.2996



23.5132, 0.4734, 0.3755



10.1096, 0.3259, 0.3245



7.6428, 0.6061, 0.3113



0.3401, 0.5449, 0.2775

Inverse Universe

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



17.5162, 0.4693, 0.2998



25.8452, 0.5266, 0.2996



30.3763, 0.2247, 0.2703



10.1096, 0.3259, 0.3245



7.6428, 0.6061, 0.3113



0.3401, 0.5449, 0.2775

Previews

White Background



This preview shows how the Yxy color 17.5152, 0.4693, 0.2998 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 17.5152, 0.4693, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

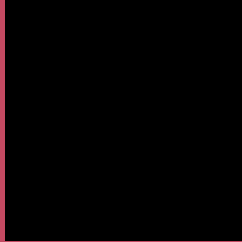
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5152, 0.4693, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 17.5152, 0.4693, 0.2998.



This preview shows how white text looks on a background with the Yxy color 17.5152, 0.4693, 0.2998.

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

17.5152, 0.4693, 0.2998

Protanopia

17.6984, 0.3105, 0.3213

Deuteranopia

17.5953, 0.3721, 0.3662



Tritanopia

17.5191, 0.4927, 0.3235

Trichromacy



Original Color

17.5152, 0.4693, 0.2998

Protanomaly

16.5882, 0.3630, 0.3099

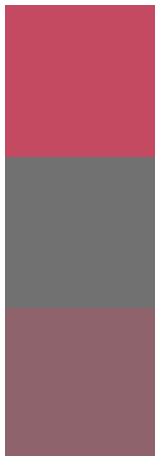
Deuteranomaly

16.8126, 0.4093, 0.3359

Tritanomaly

17.4756, 0.4837, 0.3148

Monochromacy



Original Color

17.5152, 0.4693, 0.2998

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.8460, 0.3654, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5152, 0.4693, 0.2998 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(196, 74, 98)` looks like.

```
.text, #text, p{  
    color:rgb(196, 74, 98)  
}
```

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(196, 74, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 74, 98) }
```

Border

The CSS property to change the border of an element to Yxy 17.5152, 0.4693, 0.2998 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(196, 74, 98) }
```

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

```
.border{ border-color:rgb(196, 74, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 74, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 74, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 74, 98);  
box-shadow:4px 4px 4px 4px rgb(196, 74,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5152, 0.4693, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 74, 98) }
```

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

```
.background{ background-color: rgb(196, 74,  
98) }
```

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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