

Converting Colors

$Y_{xy}(17.2366, 0.4112, 0.2501)$

Have a look what the booklet for
Yxy(17.2366, 0.4112, 0.2501)
contains.

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Color

Yxy(17.2423, 0.4120, 0.2500)

Conversions

Conversions Part 1

Format	Color
Hex	C24483
RGB	194, 68, 131
RGB Percent	76%, 27%, 51%
CMY	0.2392, 0.7334, 0.4862
CMYK	0.00, 0.65, 0.32, 0.24
HSL	330°, 51%, 51%
HSV	330°, 65%, 76%
XYZ	28.4153, 17.2423, 23.3116
YIQ	112.8560, 54.8730, 46.3050

Conversions

Conversions Part 2

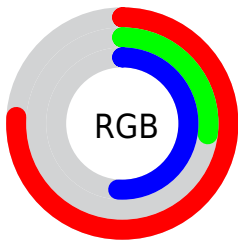
Format	Color
R_{YB}	194, 68, 131
Decimal	12731523
CIE _{Lab}	48.56, 56.04, -8.33
CIE _{LCh}	49, 56.653, 351.545
Yxy	17.2423, 0.4120, 0.2500
Android (android.graphics.Color)	4290921603 (0xFFC24483)
YUV	112.8560, 8.9450, 71.1633
Hunter-Lab	41.5238, 49.4831, -4.2189

Details

The Yxy color **17.2423, 0.4120, 0.2500** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **41.4550, 0.2703, 0.4348**, and the grayscale version is **16.4292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6974, 0.3900, 0.2666**, and **5.8434, 0.4488, 0.2246** is the 20% darker color. If you saturate the color by 10%, you get **15.0217, 0.4358, 0.2442**, and if you desaturate by 10%, it is **20.2655, 0.3900, 0.2594**.

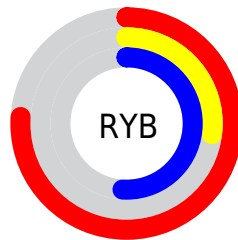
Distribution



Red (76%)

Green (27%)

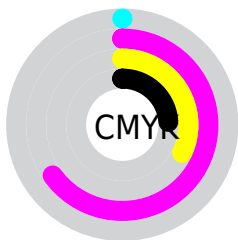
Blue (51%)



Red (76%)

Yellow (27%)

Blue (51%)

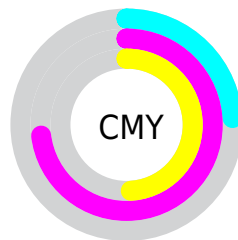


Cyan (0%)

Magenta (65%)

Yellow (32%)

Black (24%)



Cyan (24%)


Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2423, 0.4120, 0.2500 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 17.2423, 0.4120, 0.2500 by changing the saturation by 10% instead.


 17.2423, 0.4120,
0.2500


 17.2423, 0.4120,
0.2500

236.5648, 0.3556,
0.2937


 10.4074, 0.4287,
0.2376


 38.7419, 0.3897,
0.2670


 5.6699, 0.4521,
0.2207


 54.1754, 0.3819,
0.2730

 2.6454, 0.4867,
0.1965

 73.2439, 0.3755,
0.2780

 0.9495, 0.5426,
0.1596

 96.3317, 0.3702,
0.2821

 0.0000, 0.7571,
0.0000

 123.8234, 0.3657,
0.2857

 0.0000, 1.0000,
0.0000

156.1032, 0.3619,

 0.0000, 0.0000,

0.2887

0.0000

193.5555, 0.3585,
0.2913

■ 17.2423, 0.4120,
0.2500

■ 17.2423, 0.4120,
0.2500

■ 15.0217, 0.4358,
0.2442

■ 20.2655, 0.3900,
0.2594

■ 13.5204, 0.4604,
0.2432

■ 24.1585, 0.3705,
0.2710

■ 12.6412, 0.4846,
0.2475

■ 28.9842, 0.3536,
0.2839

■ 12.3346, 0.4966,
0.2509

■ 34.7990, 0.3392,
0.2973

■ 41.6548, 0.3271,
0.3104

■ 49.6000, 0.3170,
0.3230

■ 58.6795, 0.3087,
0.3349

■ 68.9362, 0.3018,
0.3459

■ 80.4104, 0.2962,
0.3561

Harmonies

Analogous

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



17.2423, 0.2983, 0.2014



17.2423, 0.4120, 0.2500



17.2423, 0.5022, 0.3140

Triad

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



17.2423, 0.4120, 0.2500



17.2423, 0.3938, 0.5230



17.2423, 0.1373, 0.2168

Complementary

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



17.2423, 0.4120, 0.2500



41.4550, 0.2703, 0.4348

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.



17.2423, 0.1522, 0.3006



17.2423, 0.4120, 0.2500



17.2423, 0.2952, 0.5230

Square

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



17.2423, 0.4120, 0.2500



17.2423, 0.4781, 0.4605



17.2423, 0.2063, 0.4262



17.2423, 0.1558, 0.1796

Rectangle

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



17.2423, 0.4120, 0.2500



17.2423, 0.5249, 0.3609



17.2423, 0.2063, 0.4262



17.2423, 0.1383, 0.2390

Sweetspot

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



17.2432, 0.4120, 0.2500



69.8239, 0.3321, 0.3047



12.6879, 0.2426, 0.1477



14.5074, 0.3356, 0.3009



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.



17.2432, 0.4120, 0.2500



25.8976, 0.4463, 0.2431



16.0472, 0.5185, 0.3272



10.1600, 0.3212, 0.3175



8.1252, 0.4936, 0.2493



0.3650, 0.4450, 0.2225

Inverse Universe

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



17.2432, 0.4120, 0.2500



25.8976, 0.4463, 0.2431



43.6188, 0.2373, 0.3320



10.1600, 0.3212, 0.3175



8.1252, 0.4936, 0.2493



0.3650, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 17.2423, 0.4120, 0.2500 looks on a white background.

Color Contrast Check

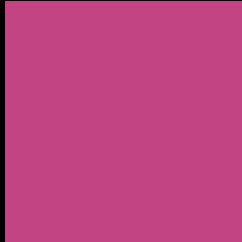
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2423, 0.4120, 0.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

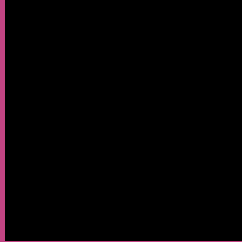
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2423, 0.4120, 0.2500

Background



This preview shows how black text looks on a background with the Yxy color 17.2423, 0.4120, 0.2500.



This preview shows how white text looks on a background with the Yxy color 17.2423, 0.4120, 0.2500.

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

17.2423, 0.4120, 0.2500

Protanopia

17.4457, 0.2482, 0.2406

Deuteranopia

17.5019, 0.3112, 0.3064



Tritanopia

17.1792, 0.4821, 0.3231

Trichromacy



Original Color

17.2423, 0.4120, 0.2500

Protanomaly

15.9347, 0.2959, 0.2375

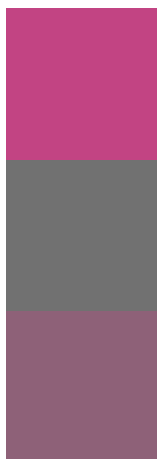
Deuteranomaly

16.4713, 0.3466, 0.2785

Tritanomaly

17.0481, 0.4574, 0.2959

Monochromacy



Original Color

17.2423, 0.4120, 0.2500

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.6562, 0.3468, 0.2885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2423, 0.4120, 0.2500 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(194, 68, 131)` looks like.

```
.text, #text, p{  
    color:rgb(194, 68, 131)  
}
```

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(194, 68, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 68, 131) }
```

Border

The CSS property to change the border of an element to Yxy 17.2423, 0.4120, 0.2500 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(194, 68, 131) }
```

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

```
.border{ border-color:rgb(194, 68, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 68, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 68, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 68, 131);  
box-shadow:4px 4px 4px 4px rgb(194, 68,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2423, 0.4120, 0.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 68, 131) }
```

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

```
.background{ background-color: rgb(194, 68,  
131) }
```

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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