

Converting Colors

$Y_{xy}(24.2397, 0.3871, 0.2637)$

Have a look what the booklet for
Yxy(24.2397, 0.3871, 0.2637)
contains.

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Color

Yxy(24.0915, 0.3867, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	CE6297
RGB	206, 98, 151
RGB Percent	81%, 38%, 59%
CMY	0.1921, 0.6157, 0.4078
CMYK	0.00, 0.52, 0.27, 0.19
HSL	331°, 52%, 60%
HSV	331°, 52%, 81%
XYZ	35.4093, 24.0915, 32.0671
YIQ	136.3340, 47.3550, 39.3790

Conversions

Conversions Part 2

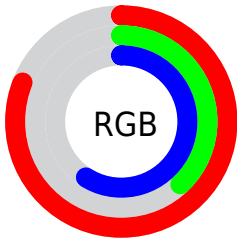
Format	Color
R _Y B	206, 98, 151
Decimal	13525655
CIE Lab	56.18, 48.66, -8.62
CIE LCh	56, 49.413, 349.956
Yxy	24.0915, 0.3867, 0.2631
Android (android.graphics.Color)	4291715735 (0xFFCE6297)
YUV	136.3340, 7.2303, 61.0971
Hunter-Lab	49.0831, 42.8772, -4.3773

Details

The Yxy color **24.0915, 0.3867, 0.2631** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.0422, 0.2744, 0.4095**, and the grayscale version is **24.7119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1243, 0.3621, 0.2745**, and **9.1110, 0.4137, 0.2417** is the 20% darker color. If you saturate the color by 10%, you get **20.3954, 0.4087, 0.2533**, and if you desaturate by 10%, it is **28.8122, 0.3673, 0.2750**.

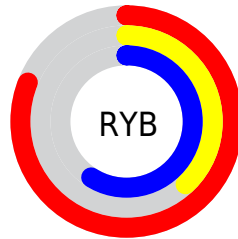
Distribution



Red (81%)

Green (38%)

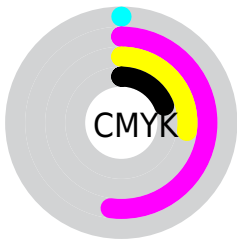
Blue (59%)



Red (81%)

Yellow (38%)

Blue (59%)

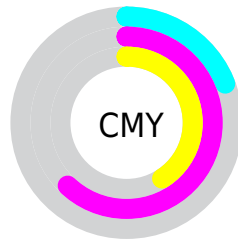


Cyan (0%)

Magenta (52%)

Yellow (27%)

Black (19%)



Cyan (19%)


Magenta (62%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0915, 0.3867, 0.2631 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 24.0915, 0.3867, 0.2631 by changing the saturation by 10% instead.


 24.0915, 0.3867,
0.2631


 24.0915, 0.3867,
0.2631


273.2827, 0.3466,
0.2980


 15.4015, 0.3978,
0.2538


 50.1795, 0.3713,
0.2763

 9.1017, 0.4128,
0.2414

 68.3462, 0.3658,
0.2810

 4.8076, 0.4341,
0.2242


 90.4407, 0.3612,
0.2850

 2.1348, 0.4665,
0.1991

 116.8473, 0.3574,
0.2884

 0.6841, 0.5227,
0.1566

147.9504, 0.3541,
0.2913

 0.0000, 0.8470,
0.0000

184.1345, 0.3512,

 0.0000, 0.0000,

0.2939

0.0000

225.7838, 0.3488,
0.2961

■ 24.0915, 0.3867,
0.2631

■ 24.0915, 0.3867,
0.2631

■ 20.3954, 0.4087,
0.2533

■ 28.8122, 0.3673,
0.2750

■ 17.6417, 0.4328,
0.2468

■ 34.6243, 0.3506,
0.2879

■ 15.7415, 0.4580,
0.2448

■ 41.5927, 0.3364,
0.3010

■ 14.5868, 0.4831,
0.2481

■ 49.7765, 0.3246,
0.3139

■ 14.0646, 0.5014,
0.2536

■ 59.2308, 0.3148,
0.3261

■ 70.0070, 0.3067,
0.3376

■ 82.1539, 0.3001,
0.3483

■ 90.6367, 0.2944,
0.3501

■ 91.2608, 0.2888,
0.3389

Harmonies

Analogous

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



24.0915, 0.2983, 0.2224



24.0915, 0.3867, 0.2631



24.0915, 0.4586, 0.3178

Triad

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



24.0915, 0.3867, 0.2631



24.0915, 0.3880, 0.4826



24.0915, 0.1677, 0.2438

Complementary

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



24.0915, 0.3867, 0.2631



49.0422, 0.2744, 0.4095

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.



24.0915, 0.1841, 0.3145



24.0915, 0.3867, 0.2631



24.0915, 0.3077, 0.4776

Square

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



24.0915, 0.3867, 0.2631



24.0915, 0.4530, 0.4391



24.0915, 0.2330, 0.4084



24.0915, 0.1819, 0.2082

Rectangle

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



24.0915, 0.3867, 0.2631



24.0915, 0.4805, 0.3582



24.0915, 0.2330, 0.4084



24.0915, 0.1696, 0.2634

Sweetspot

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



24.0927, 0.3867, 0.2631



75.4079, 0.3288, 0.3091



19.8674, 0.2609, 0.1822



15.5474, 0.3313, 0.3064



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.



24.0927, 0.3867, 0.2631



32.3528, 0.4119, 0.2522



22.7397, 0.4640, 0.3294



11.3039, 0.3214, 0.3177



8.6794, 0.4981, 0.2518



0.4631, 0.4544, 0.2277

Inverse Universe

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



24.0927, 0.3867, 0.2631



32.3528, 0.4119, 0.2522



51.1991, 0.2457, 0.3288



11.3039, 0.3214, 0.3177



8.6794, 0.4981, 0.2518



0.4631, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 24.0915, 0.3867, 0.2631 looks on a white background.

Color Contrast Check

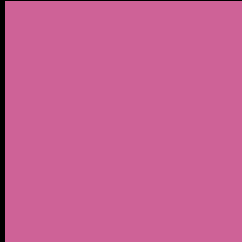
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.0915, 0.3867, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

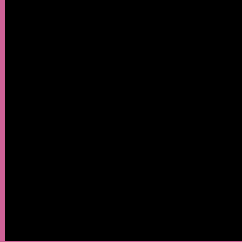
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0915, 0.3867, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 24.0915, 0.3867, 0.2631.



This preview shows how white text looks on a background with the Yxy color 24.0915, 0.3867, 0.2631.

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

24.0915, 0.3867, 0.2631

Protanopia

24.4304, 0.2643, 0.2627

Deuteranopia

24.2372, 0.3116, 0.3045



Tritanopia

24.1968, 0.4338, 0.3204

Trichromacy



Original Color

24.0915, 0.3867, 0.2631

Protanomaly

23.2979, 0.3022, 0.2603

Deuteranomaly

23.5473, 0.3378, 0.2854

Tritanomaly

24.0702, 0.4166, 0.2986

Monochromacy



Original Color

24.0915, 0.3867, 0.2631

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.4192, 0.3384, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0915, 0.3867, 0.2631 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(206, 98, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 98, 151)  
}
```

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(206, 98, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 98, 151) }
```

Border

The CSS property to change the border of an element to Yxy 24.0915, 0.3867, 0.2631 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(206, 98, 151) }
```

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

```
.border{ border-color:rgb(206, 98, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 98, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 98, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 98, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 98,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0915, 0.3867, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 98, 151) }
```

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

```
.background{ background-color: rgb(206, 98,  
151) }
```

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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