

Converting Colors

$Y_{xy}(23.9852, 0.4231, 0.3195)$

Have a look what the booklet for
Yxy(23.9852, 0.4231, 0.3195)
contains.

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Color

Yxy(23.9687, 0.4239, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	C66C73
RGB	198, 108, 115
RGB Percent	78%, 42%, 45%
CMY	0.2236, 0.5764, 0.5491
CMYK	0.00, 0.45, 0.42, 0.22
HSL	355°, 44%, 60%
HSV	355°, 45%, 78%
XYZ	31.7411, 23.9687, 19.1690
YIQ	135.7080, 51.3930, 21.2570

Conversions

Conversions Part 2

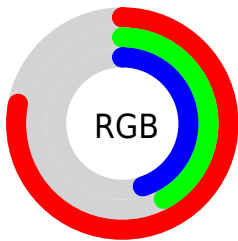
Format	Color
R_{YB}	198, 108, 115
Decimal	13003891
CIE _{Lab}	56.06, 36.31, 12.14
CIE _{LCh}	56, 38.284, 18.493
Yxy	23.9687, 0.4239, 0.3201
Android (android.graphics.Color)	4291193971 (0xFFC66C73)
YUV	135.7080, -10.2090, 54.6301
Hunter-Lab	48.9578, 30.0517, 11.0561

Details

The Yxy color **23.9687, 0.4239, 0.3201** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.3303, 0.2562, 0.3389**, and the grayscale version is **24.5314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5398, 0.3974, 0.3229**, and **9.0941, 0.4666, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **19.8769, 0.4640, 0.3187**, and if you desaturate by 10%, it is **29.0944, 0.3899, 0.3220**.

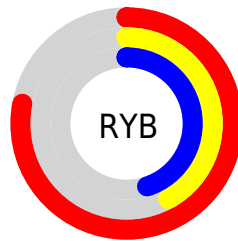
Distribution



Red (78%)

Green (42%)

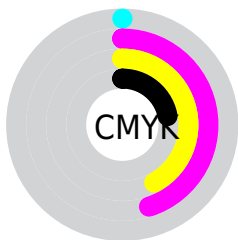
Blue (45%)



Red (78%)

Yellow (42%)

Blue (45%)

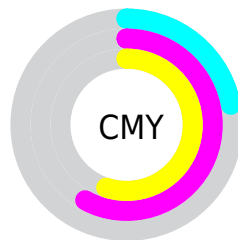


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (22%)



Cyan (22%)


Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9687, 0.4239, 0.3201 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 23.9687, 0.4239, 0.3201 by changing the saturation by 10% instead.


 23.9687, 0.4239,
0.3201


 23.9687, 0.4239,
0.3201


272.6622, 0.3617,
0.3269


 15.3104, 0.4419,
0.3174


 49.9791, 0.3995,
0.3233

 9.0375, 0.4666,
0.3130


 68.1000, 0.3909,
0.3242

 4.7657, 0.5023,
0.3056

 90.1439, 0.3839,
0.3249

 2.1104, 0.5578,
0.2914

 116.4952, 0.3780,
0.3255

 0.6705, 0.7200,
0.2800

147.5383, 0.3730,
0.3260

 0.0000, 1.0000,
0.0000


183.6576, 0.3687,


 0.0000, 0.0000,


0.3263


0.0000

225.2374, 0.3649,
0.3266


 23.9687, 0.4239,
0.3201


 23.9687, 0.4239,
0.3201

 19.8769, 0.4640,
0.3187


 29.0944, 0.3899,
0.3220


 16.7454, 0.5086,
0.3182


 35.3138, 0.3619,
0.3240


 14.4968, 0.5541,
0.3189


 42.6865, 0.3392,
0.3261

 13.0400, 0.5944,
0.3212

 51.2666, 0.3211,
0.3280

 12.2636, 0.6232,
0.3246

 61.1049, 0.3064,
0.3298

 12.0384, 0.6322,
0.3257

 72.2493, 0.2947,
0.3315

 84.7452, 0.2852,
0.3330

 90.7430, 0.2794,
0.3289

Harmonies

Analogous

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



23.9687, 0.3676, 0.2747



23.9687, 0.4239, 0.3201



23.9687, 0.4458, 0.3706

Triad

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



23.9687, 0.4239, 0.3201



23.9687, 0.3146, 0.4426



23.9687, 0.2058, 0.2334

Complementary

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



23.9687, 0.4239, 0.3201



47.3303, 0.2562, 0.3389

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.



23.9687, 0.1954, 0.2655



23.9687, 0.4239, 0.3201



23.9687, 0.2537, 0.3928

Square

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



23.9687, 0.4239, 0.3201



23.9687, 0.3783, 0.4486



23.9687, 0.2115, 0.3231



23.9687, 0.2415, 0.2265

Rectangle

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



23.9687, 0.4239, 0.3201



23.9687, 0.4375, 0.4032



23.9687, 0.2115, 0.3231



23.9687, 0.1995, 0.2411

Sweetspot

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



23.9699, 0.4239, 0.3201



77.3571, 0.3368, 0.3263



25.8151, 0.3097, 0.2166



15.8947, 0.3412, 0.3259



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.



23.9699, 0.4239, 0.3201



34.9609, 0.4656, 0.3187



33.4911, 0.4093, 0.3787



10.6500, 0.3278, 0.3272



7.8358, 0.6306, 0.3247



0.3758, 0.5996, 0.3077

Inverse Universe

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



23.9699, 0.4239, 0.3201



34.9609, 0.4656, 0.3187



32.5798, 0.2424, 0.2720



10.6500, 0.3278, 0.3272



7.8358, 0.6306, 0.3247



0.3758, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 23.9687, 0.4239, 0.3201 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 23.9687, 0.4239, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

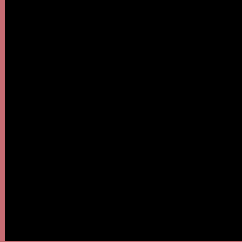
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9687, 0.4239, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 23.9687, 0.4239, 0.3201.



This preview shows how white text looks on a background with the Yxy color 23.9687, 0.4239, 0.3201.

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

23.9687, 0.4239, 0.3201

Protanopia

24.1241, 0.3237, 0.3376

Deuteranopia

24.1809, 0.3658, 0.3601



Tritanopia

23.9918, 0.4225, 0.3187

Trichromacy



Original Color

23.9687, 0.4239, 0.3201

Protanomaly

23.5961, 0.3570, 0.3307

Deuteranomaly

23.7468, 0.3870, 0.3445

Tritanomaly

23.9918, 0.4225, 0.3187

Monochromacy



Original Color

23.9687, 0.4239, 0.3201

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8512, 0.3506, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9687, 0.4239, 0.3201 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(198, 108, 115)` looks like.

```
.text, #text, p{  
    color:rgb(198, 108, 115)  
}
```

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(198, 108, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 108, 115) }
```

Border

The CSS property to change the border of an element to Yxy 23.9687, 0.4239, 0.3201 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(198, 108, 115) }
```

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

```
.border{ border-color:rgb(198, 108, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 108, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 108, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 108, 115);  
box-shadow:4px 4px 4px 4px rgb(198, 108,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9687, 0.4239, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 108, 115) }
```

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

```
.background{ background-color: rgb(198,  
108, 115) }
```

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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