

Converting Colors

$Y_{xy}(23.2521, 0.3816, 0.2707)$

Have a look what the booklet for
Yxy(23.2521, 0.3816, 0.2707)
contains.

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Color

Yxy(23.2530, 0.3819, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	C56592
RGB	197, 101, 146
RGB Percent	77%, 40%, 57%
CMY	0.2275, 0.6039, 0.4275
CMYK	0.00, 0.49, 0.26, 0.23
HSL	332°, 45%, 58%
HSV	332°, 49%, 77%
XYZ	32.8657, 23.2530, 29.9397
YIQ	134.8340, 42.7710, 34.3470

Conversions

Conversions Part 2

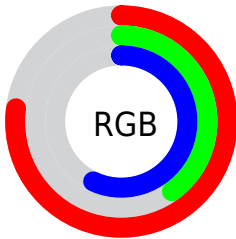
Format	Color
R _Y B	197, 101, 146
Decimal	12936594
CIE Lab	55.33, 43.48, -7.07
CIE LCh	55, 44.050, 350.766
Yxy	23.2530, 0.3819, 0.2702
Android (android.graphics.Color)	4291126674 (0xFFC56592)
YUV	134.8340, 5.5048, 54.5196
Hunter-Lab	48.2214, 37.2710, -3.0571

Details

The Yxy color **23.2530, 0.3819, 0.2702** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.9667, 0.2750, 0.3989**, and the grayscale version is **24.1320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5413, 0.3666, 0.2815**, and **8.7039, 0.4068, 0.2494** is the 20% darker color. If you saturate the color by 10%, you get **19.5648, 0.4040, 0.2600**, and if you desaturate by 10%, it is **27.8901, 0.3626, 0.2820**.

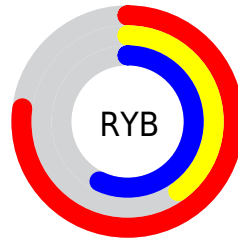
Distribution



Red (77%)

Green (40%)

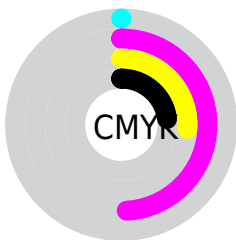
Blue (57%)



Red (77%)

Yellow (40%)

Blue (57%)

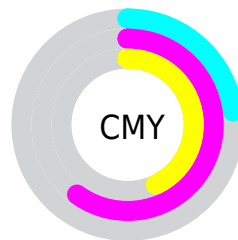


Cyan (0%)

Magenta (49%)

Yellow (26%)

Black (23%)



Cyan (23%)


Magenta (60%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2530, 0.3819, 0.2702 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 23.2530, 0.3819, 0.2702 by changing the saturation by 10% instead.


 23.2530, 0.3819,
0.2702


 23.2530, 0.3819,
0.2702


269.0218, 0.3440,
0.3017


 14.7804, 0.3926,
0.2616

 48.8084, 0.3673,
0.2822

 8.6654, 0.4071,
0.2500


 66.6601, 0.3620,
0.2865

 4.5236, 0.4280,
0.2339

 88.4068, 0.3577,
0.2901

 1.9706, 0.4603,
0.2096

 114.4332, 0.3541,
0.2932

 0.5903, 0.5208,
0.1628

145.1234, 0.3510,
0.2958

 0.0000, 1.0000,
0.0000

180.8620, 0.3484,

 0.0000, 0.0000,

0.2980

0.0000

222.0334, 0.3461,
0.3000

■ 23.2530, 0.3819,
0.2702

■ 23.2530, 0.3819,
0.2702

■ 19.5648, 0.4040,
0.2600

■ 27.8901, 0.3626,
0.2820

■ 16.7547, 0.4286,
0.2526

■ 33.5335, 0.3463,
0.2945

■ 14.7474, 0.4549,
0.2492

■ 40.2399, 0.3325,
0.3069

■ 13.4532, 0.4814,
0.2509

■ 48.0609, 0.3211,
0.3190

■ 12.7258, 0.5070,
0.2575


■ 57.0447, 0.3116,
0.3304

 12.6476, 0.5103,
0.2585

 67.2365, 0.3038,
0.3410

 78.6792, 0.2974,
0.3509

 89.0890, 0.2920,
0.3561

 89.6943, 0.2865,
0.3447

Harmonies

Analogous

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



23.2530, 0.3022, 0.2319



23.2530, 0.3819, 0.2702



23.2530, 0.4456, 0.3215

Triad

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



23.2530, 0.3819, 0.2702



23.2530, 0.3811, 0.4688



23.2530, 0.1794, 0.2510

Complementary

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



23.2530, 0.3819, 0.2702



44.9667, 0.2750, 0.3989

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.



23.2530, 0.1944, 0.3149



23.2530, 0.3819, 0.2702



23.2530, 0.3075, 0.4605

Square

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



23.2530, 0.3819, 0.2702



23.2530, 0.4402, 0.4326



23.2530, 0.2394, 0.3979



23.2530, 0.1933, 0.2180

Rectangle

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



23.2530, 0.3819, 0.2702



23.2530, 0.4650, 0.3592



23.2530, 0.2394, 0.3979



23.2530, 0.1811, 0.2689

Sweetspot

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



23.2541, 0.3819, 0.2702



76.7359, 0.3283, 0.3112



19.8823, 0.2675, 0.1939



15.8070, 0.3308, 0.3086



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.



23.2541, 0.3819, 0.2702



34.9460, 0.4044, 0.2599



22.4332, 0.4461, 0.3315



10.7183, 0.3218, 0.3182



8.3357, 0.5072, 0.2568



0.4093, 0.4584, 0.2299

Inverse Universe

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



23.2541, 0.3819, 0.2702



34.9460, 0.4044, 0.2599



46.0070, 0.2487, 0.3265



10.7183, 0.3218, 0.3182



8.3357, 0.5072, 0.2568



0.4093, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 23.2530, 0.3819, 0.2702 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 23.2530, 0.3819, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

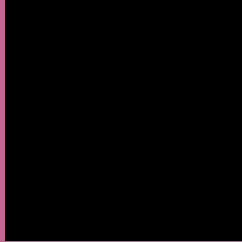
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2530, 0.3819, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 23.2530, 0.3819, 0.2702.



This preview shows how white text looks on a background with the Yxy color 23.2530, 0.3819, 0.2702.

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

23.2530, 0.3819, 0.2702

Protanopia

23.6157, 0.2724, 0.2727

Deuteranopia

23.3744, 0.3148, 0.3090



Tritanopia

23.2225, 0.4197, 0.3185

Trichromacy



Original Color

23.2530, 0.3819, 0.2702

Protanomaly

22.7573, 0.3062, 0.2695

Deuteranomaly

22.8582, 0.3378, 0.2919

Tritanomaly

23.2116, 0.4063, 0.3010

Monochromacy



Original Color

23.2530, 0.3819, 0.2702

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.2991, 0.3369, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2530, 0.3819, 0.2702 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(197, 101, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 101, 146)  
}
```

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(197, 101, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 101, 146) }
```

Border

The CSS property to change the border of an element to Yxy 23.2530, 0.3819, 0.2702 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(197, 101, 146) }
```

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

```
.border{ border-color:rgb(197, 101, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 101, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 101, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 101, 146);  
box-shadow:4px 4px 4px 4px rgb(197, 101,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2530, 0.3819, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 101, 146) }
```

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

```
.background{ background-color: rgb(197,  
101, 146) }
```

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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