

Converting Colors

$Y_{xy}(24.0245, 0.3607, 0.2603)$

Have a look what the booklet for
Yxy(24.0245, 0.3607, 0.2603)
contains.

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Color

Yxy(23.8749, 0.3610, 0.2602)

Conversions

Conversions Part 1

Format	Color
Hex	C1699D
RGB	193, 105, 157
RGB Percent	76%, 41%, 62%
CMY	0.2432, 0.5881, 0.3843
CMYK	0.00, 0.46, 0.19, 0.24
HSL	325°, 41%, 58%
HSV	325°, 46%, 76%
XYZ	33.1239, 23.8749, 34.7572
YIQ	137.2400, 35.7560, 34.8280

Conversions

Conversions Part 2

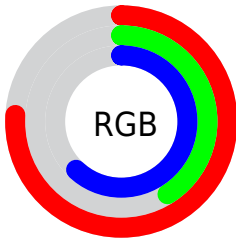
Format	Color
R_{YB}	193, 105, 157
Decimal	12675485
CIE _{Lab}	55.96, 41.68, -12.61
CIE _{LCh}	56, 43.545, 343.163
Yxy	23.8749, 0.3610, 0.2602
Android (android.graphics.Color)	4290865565 (0xFFC1699D)
YUV	137.2400, 9.7417, 48.9015
Hunter-Lab	48.8619, 35.4981, -7.9716

Details

The Yxy color **23.8749, 0.3610, 0.2602** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.0559, 0.2837, 0.4112**, and the grayscale version is **25.0657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7164, 0.3508, 0.2730**, and **8.9973, 0.3761, 0.2377** is the 20% darker color. If you saturate the color by 10%, you get **20.1190, 0.3766, 0.2466**, and if you desaturate by 10%, it is **28.5424, 0.3473, 0.2752**.

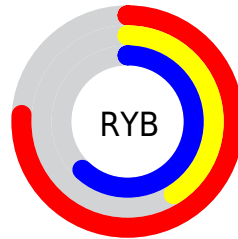
Distribution



Red (76%)

Green (41%)

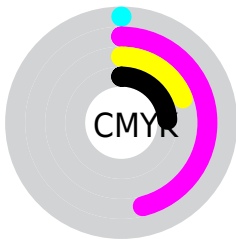
Blue (62%)



Red (76%)

Yellow (41%)

Blue (62%)

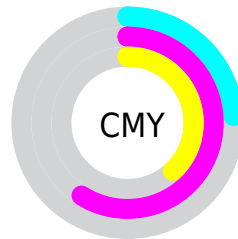


Cyan (0%)

Magenta (46%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (59%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8749, 0.3610, 0.2602 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 23.8749, 0.3610, 0.2602 by changing the saturation by 10% instead.


 23.8749, 0.3610,
0.2602


 23.8749, 0.3610,
0.2602


272.1874, 0.3352,
0.2964


 15.2408, 0.3680,
0.2506


 49.8260, 0.3512,
0.2738

 8.9886, 0.3774,
0.2380


 67.9118, 0.3477,
0.2787

 4.7337, 0.3905,
0.2206


 89.9170, 0.3447,
0.2829

 2.0919, 0.4101,
0.1953

 116.2259, 0.3422,
0.2864

 0.6601, 0.4443,
0.1522

147.2231, 0.3401,
0.2894

 0.0000, 0.6000,
0.0000

183.2928, 0.3382,

 0.0000, 0.0000,

0.2920

0.0000

224.8194, 0.3366,
0.2943

■ 23.8749, 0.3610,
0.2602

■ 23.8749, 0.3610,
0.2602

■ 20.1190, 0.3766,
0.2466

■ 28.5424, 0.3473,
0.2752

■ 17.2099, 0.3939,
0.2355

■ 34.1738, 0.3354,
0.2907

■ 15.0795, 0.4123,
0.2281

■ 40.8214, 0.3253,
0.3062

■ 13.6479, 0.4313,
0.2253


■ 48.5328, 0.3168,
0.3210


■ 12.8158, 0.4500,
0.2278

■ 57.3524, 0.3097,
0.3351

 12.5494, 0.4583,
0.2298

 67.3224, 0.3038,
0.3483

 78.4824, 0.2989,
0.3604

 88.0291, 0.2948,
0.3671

 88.4578, 0.2906,
0.3582

Harmonies

Analogous

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



23.8749, 0.2838, 0.2268



23.8749, 0.3610, 0.2602



23.8749, 0.4303, 0.3083

Triad

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



23.8749, 0.3610, 0.2602



23.8749, 0.3968, 0.4602



23.8749, 0.1826, 0.2657

Complementary

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



23.8749, 0.3610, 0.2602



43.0559, 0.2837, 0.4112

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.



23.8749, 0.2050, 0.3353



23.8749, 0.3610, 0.2602



23.8749, 0.3265, 0.4650

Square

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



23.8749, 0.3610, 0.2602



23.8749, 0.4482, 0.4184



23.8749, 0.2563, 0.4156



23.8749, 0.1892, 0.2255

Rectangle

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



23.8749, 0.3610, 0.2602



23.8749, 0.4573, 0.3447



23.8749, 0.2563, 0.4156



23.8749, 0.1868, 0.2859

Sweetspot

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



23.8760, 0.3610, 0.2602



74.8948, 0.3241, 0.3082



19.5503, 0.2606, 0.1996



15.4653, 0.3261, 0.3049



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.8760, 0.3610, 0.2602



35.8748, 0.3771, 0.2463



22.6528, 0.4213, 0.3174



10.1755, 0.3199, 0.3155



8.3657, 0.4560, 0.2286



0.3749, 0.4181, 0.2077

Inverse Universe

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



23.8760, 0.3610, 0.2602



35.8748, 0.3771, 0.2463



44.6008, 0.2573, 0.3419



10.1755, 0.3199, 0.3155



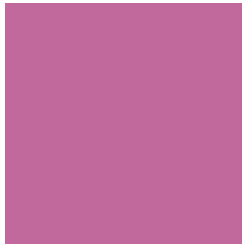
8.3657, 0.4560, 0.2286



0.3749, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 23.8749, 0.3610, 0.2602 looks on a white background.

Color Contrast Check

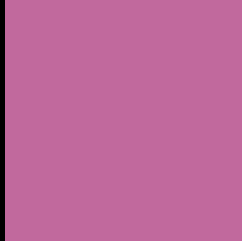
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8749, 0.3610, 0.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

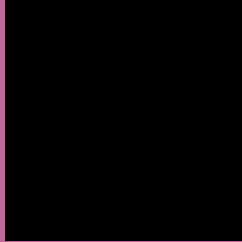
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8749, 0.3610, 0.2602

Background



This preview shows how black text looks on a background with the Yxy color 23.8749, 0.3610, 0.2602.



This preview shows how white text looks on a background with the Yxy color 23.8749, 0.3610, 0.2602.

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

23.8749, 0.3610, 0.2602

Protanopia

24.1206, 0.2624, 0.2595

Deuteranopia

24.0215, 0.2989, 0.2929



Tritanopia

23.7876, 0.4025, 0.3167

Trichromacy



Original Color

23.8749, 0.3610, 0.2602

Protanomaly

23.3264, 0.2926, 0.2580

Deuteranomaly

23.6231, 0.3209, 0.2798

Tritanomaly

23.6057, 0.3872, 0.2947

Monochromacy



Original Color

23.8749, 0.3610, 0.2602

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8489, 0.3295, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8749, 0.3610, 0.2602 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(193, 105, 157)` looks like.

```
.text, #text, p{  
    color:rgb(193, 105, 157)  
}
```

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(193, 105, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 105, 157) }
```

Border

The CSS property to change the border of an element to Yxy 23.8749, 0.3610, 0.2602 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(193, 105, 157) }
```

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

```
.border{ border-color:rgb(193, 105, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 105, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 105, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 105, 157);  
box-shadow:4px 4px 4px 4px rgb(193, 105,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8749, 0.3610, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 105, 157) }
```

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

```
.background{ background-color: rgb(193,  
105, 157) }
```

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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