

Converting Colors

$Y_{xy}(23.7113, 0.3943, 0.2878)$

Have a look what the booklet for
Yxy(23.7113, 0.3943, 0.2878)
contains.

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Color

Yxy(23.7510, 0.3945, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	C56988
RGB	197, 105, 136
RGB Percent	77%, 41%, 53%
CMY	0.2274, 0.5882, 0.4666
CMYK	0.00, 0.47, 0.31, 0.23
HSL	340°, 44%, 59%
HSV	340°, 47%, 77%
XYZ	32.5226, 23.7510, 26.1665
YIQ	136.0420, 44.8810, 29.1450

Conversions

Conversions Part 2

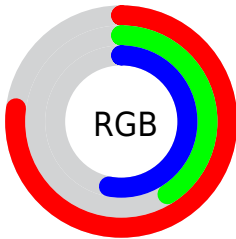
Format	Color
RYB	197, 105, 136
Decimal	12937608
CIELab	55.84, 40.07, -0.49
CIELCh	56, 40.077, 359.305
Yxy	23.7510, 0.3945, 0.2881
Android (android.graphics.Color)	4291127688 (0xFFC56988)
YUV	136.0420, -0.0207, 53.4602
Hunter-Lab	48.7350, 33.8333, 2.2809

Details

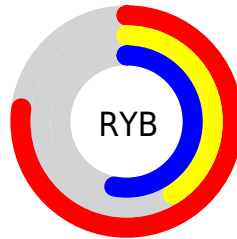
The Yxy color **23.7510, 0.3945, 0.2881** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **45.6904, 0.2689, 0.3759**, and the grayscale version is **24.6254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3878, 0.3765, 0.2968**, and **8.9729, 0.4269, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **19.8442, 0.4225, 0.2807**, and if you desaturate by 10%, it is **28.6349, 0.3705, 0.2968**.

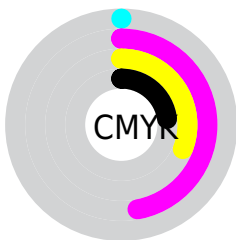
Distribution



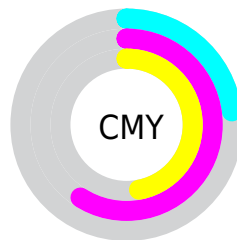
- Red (77%)
- Green (41%)
- Blue (53%)



- Red (77%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (47%)
- Yellow (31%)
- Black (23%)





- Cyan (23%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7510, 0.3945, 0.2881 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 23.7510, 0.3945, 0.2881 by changing the saturation by 10% instead.


 23.7510, 0.3945,
0.2881


 23.7510, 0.3945,
0.2881


271.5592, 0.3492,
0.3107


 15.1490, 0.4075,
0.2816


 49.6236, 0.3769,
0.2969


 8.9240, 0.4253,
0.2728


 67.6629, 0.3706,
0.3000

 4.6917, 0.4512,
0.2600

 89.6169, 0.3655,
0.3026

 2.0675, 0.4918,
0.2399

 115.8698, 0.3611,
0.3047

 0.6463, 0.5704,
0.2006

146.8061, 0.3575,
0.3066

 0.0000, 1.0000,
0.0000

182.8102, 0.3543,

 0.0000, 0.0000,

0.3081

0.0000

224.2664, 0.3516,
0.3095

■ 23.7510, 0.3945,
0.2881

■ 23.7510, 0.3945,
0.2881

■ 19.8442, 0.4225,
0.2807

■ 28.6349, 0.3705,
0.2968

■ 16.8441, 0.4542,
0.2756

■ 34.5528, 0.3505,
0.3058

■ 14.6769, 0.4883,
0.2741


■ 41.5612, 0.3339,
0.3149


■ 13.2550, 0.5225,
0.2771

■ 49.7118, 0.3204,
0.3235


■ 12.4631, 0.5540,
0.2850


■ 59.0527, 0.3093,
0.3316

 12.2688, 0.5638,
0.2879

 69.6293, 0.3003,
0.3391

 81.4847, 0.2928,
0.3460

 89.7114, 0.2863,
0.3444

 90.5180, 0.2796,
0.3304

Harmonies

Analogous

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



23.7510, 0.3239, 0.2483



23.7510, 0.3945, 0.2881



23.7510, 0.4427, 0.3379

Triad

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



23.7510, 0.3945, 0.2881



23.7510, 0.3577, 0.4579



23.7510, 0.1913, 0.2470

Complementary

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



23.7510, 0.3945, 0.2881



45.6904, 0.2689, 0.3759

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.



23.7510, 0.1977, 0.2980



23.7510, 0.3945, 0.2881



23.7510, 0.2900, 0.4347

Square

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



23.7510, 0.3945, 0.2881



23.7510, 0.4166, 0.4363



23.7510, 0.2320, 0.3699



23.7510, 0.2116, 0.2237

Rectangle

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



23.7510, 0.3945, 0.2881



23.7510, 0.4522, 0.3731



23.7510, 0.2320, 0.3699



23.7510, 0.1904, 0.2609

Sweetspot

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



23.7522, 0.3945, 0.2881



77.8680, 0.3303, 0.3171



22.1131, 0.2829, 0.2044



16.0177, 0.3335, 0.3151



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.



23.7522, 0.3945, 0.2881



35.4422, 0.4230, 0.2806



26.0373, 0.4293, 0.3477



10.6949, 0.3238, 0.3212



8.0836, 0.5603, 0.2860



0.3963, 0.5011, 0.2534

Inverse Universe

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



23.7522, 0.3945, 0.2881



35.4422, 0.4230, 0.2806



40.9856, 0.2475, 0.3085



10.6949, 0.3238, 0.3212



8.0836, 0.5603, 0.2860



0.3963, 0.5011, 0.2534

Previews

White Background



This preview shows how the Yxy color 23.7510, 0.3945, 0.2881 looks on a white background.

Color Contrast Check

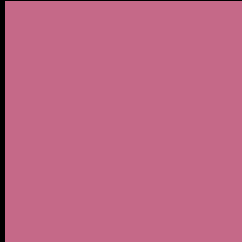
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7510, 0.3945, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

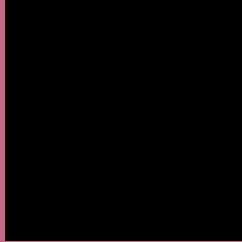
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7510, 0.3945, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 23.7510, 0.3945, 0.2881.



This preview shows how white text looks on a background with the Yxy color 23.7510, 0.3945, 0.2881.

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

23.7510, 0.3945, 0.2881

Protanopia

23.9003, 0.2904, 0.2954

Deuteranopia

23.9271, 0.3317, 0.3258



Tritanopia

23.8003, 0.4184, 0.3199

Trichromacy



Original Color

23.7510, 0.3945, 0.2881

Protanomaly

23.2411, 0.3240, 0.2911

Deuteranomaly

23.4752, 0.3545, 0.3106

Tritanomaly

23.8909, 0.4103, 0.3092

Monochromacy



Original Color

23.7510, 0.3945, 0.2881

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.7139, 0.3401, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7510, 0.3945, 0.2881 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, 105, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 105, 136)  
}
```

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, 105, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 105, 136) }
```

Border

The CSS property to change the border of an element to Yxy 23.7510, 0.3945, 0.2881 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, 105, 136) }
```

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

```
.border{ border-color:rgb(197, 105, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 105, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 105, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 105, 136);  
box-shadow:4px 4px 4px 4px rgb(197, 105,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7510, 0.3945, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 105, 136) }
```

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

```
.background{ background-color: rgb(197,  
105, 136) }
```

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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