

Converting Colors

$Y_{xy}(22.3973, 0.3691, 0.2496)$

Have a look what the booklet for
Yxy(22.3973, 0.3691, 0.2496)
contains.

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Color

Yxy(22.4550, 0.3696, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	C55F9C
RGB	197, 95, 156
RGB Percent	77%, 37%, 61%
CMY	0.2274, 0.6274, 0.3883
CMYK	0.00, 0.52, 0.21, 0.23
HSL	324°, 47%, 57%
HSV	324°, 52%, 77%
XYZ	33.1180, 22.4550, 34.0320
YIQ	132.4520, 41.2110, 40.5950

Conversions

Conversions Part 2

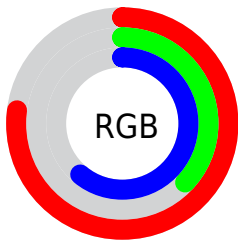
Format	Color
R_{YB}	197, 95, 156
Decimal	12935068
CIE _{Lab}	54.51, 47.93, -14.17
CIE _{LCh}	55, 49.982, 343.536
Yxy	22.4550, 0.3696, 0.2506
Android (android.graphics.Color)	4291125148 (0xFFC55F9C)
YUV	132.4520, 11.6092, 56.6086
Hunter-Lab	47.3867, 41.8247, -9.4099

Details

The Yxy color **22.4550, 0.3696, 0.2506** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **44.1456, 0.2813, 0.4262**, and the grayscale version is **23.1929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4580, 0.3569, 0.2657**, and **8.2685, 0.3893, 0.2247** is the 20% darker color. If you saturate the color by 10%, you get **19.0845, 0.3860, 0.2383**, and if you desaturate by 10%, it is **26.7425, 0.3549, 0.2650**.

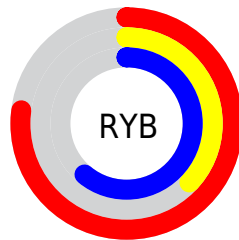
Distribution



Red (77%)

Green (37%)

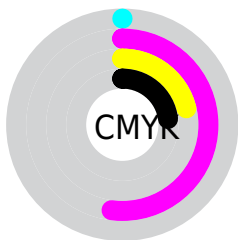
Blue (61%)



Red (77%)

Yellow (37%)

Blue (61%)

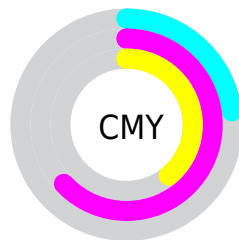


Cyan (0%)

Magenta (52%)

Yellow (21%)

Black (23%)



Cyan (23%)


Magenta (63%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4550, 0.3696, 0.2506 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 22.4550, 0.3696, 0.2506 by changing the saturation by 10% instead.


 22.4550, 0.3696,
0.2506


 22.4550, 0.3696,
0.2506


264.9133, 0.3391,
0.2918


 14.1916, 0.3779,
0.2397


 47.4969, 0.3580,
0.2660


 8.2541, 0.3891,
0.2253


 65.0441, 0.3538,
0.2717

 4.2579, 0.4047,
0.2056


 86.4548, 0.3503,
0.2764

 1.8189, 0.4280,
0.1773

 112.1133, 0.3474,
0.2804

 0.4989, 0.4724,
0.1223

142.4040, 0.3449,
0.2839

 0.0000, 0.6434,
0.0000

177.7113, 0.3427,

 0.0000, 0.0000,

0.2869

0.0000

218.4196, 0.3408,
0.2895

■ 22.4550, 0.3696,
0.2506

■ 22.4550, 0.3696,
0.2506

■ 19.0845, 0.3860,
0.2383

■ 26.7425, 0.3549,
0.2650

■ 16.5585, 0.4037,
0.2292

■ 32.0058, 0.3421,
0.2805

■ 14.7985, 0.4222,
0.2245

■ 38.3028, 0.3311,
0.2962

■ 13.7099, 0.4407,
0.2248

■ 45.6857, 0.3218,
0.3117

■ 13.1732, 0.4557,
0.2284

■ 54.2033, 0.3140,
0.3265

■ 63.9013, 0.3074,
0.3404

■ 74.8228, 0.3020,
0.3533

■ 87.0091, 0.2975,
0.3653

■ 88.9529, 0.2933,
0.3589

Harmonies

Analogous

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



22.4550, 0.2795, 0.2131



22.4550, 0.3696, 0.2506



22.4550, 0.4512, 0.3042

Triad

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



22.4550, 0.3696, 0.2506



22.4550, 0.4061, 0.4807



22.4550, 0.1644, 0.2532

Complementary

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



22.4550, 0.3696, 0.2506



44.1456, 0.2813, 0.4262

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.



22.4550, 0.1880, 0.3336



22.4550, 0.3696, 0.2506



22.4550, 0.3250, 0.4904

Square

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



22.4550, 0.3696, 0.2506



22.4550, 0.4673, 0.4289



22.4550, 0.2449, 0.4313



22.4550, 0.1725, 0.2094

Rectangle

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



22.4550, 0.3696, 0.2506



22.4550, 0.4819, 0.3448



22.4550, 0.2449, 0.4313



22.4550, 0.1686, 0.2760

Sweetspot

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



22.4561, 0.3696, 0.2506



75.6622, 0.3258, 0.3048



17.4351, 0.2514, 0.1804



15.6080, 0.3277, 0.3016



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.



22.4561, 0.3696, 0.2506



33.5706, 0.3880, 0.2370



21.0807, 0.4451, 0.3161



10.7416, 0.3198, 0.3153



8.6812, 0.4534, 0.2271



0.4251, 0.4186, 0.2080

Inverse Universe

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



22.4561, 0.3696, 0.2506



33.5706, 0.3880, 0.2370



45.9466, 0.2518, 0.3440



10.7416, 0.3198, 0.3153



8.6812, 0.4534, 0.2271



0.4251, 0.4186, 0.2080

Previews

White Background



This preview shows how the Yxy color 22.4550, 0.3696, 0.2506 looks on a white background.

Color Contrast Check

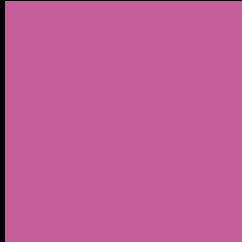
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4550, 0.3696, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

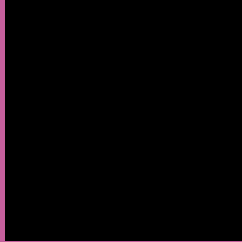
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4550, 0.3696, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 22.4550, 0.3696, 0.2506.



This preview shows how white text looks on a background with the Yxy color 22.4550, 0.3696, 0.2506.

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

22.4550, 0.3696, 0.2506

Protanopia

22.7088, 0.2522, 0.2459

Deuteranopia

22.7410, 0.2954, 0.2903



Tritanopia

22.4079, 0.4245, 0.3185

Trichromacy



Original Color

22.4550, 0.3696, 0.2506



Protanomaly

21.6826, 0.2871, 0.2451



Deuteranomaly

21.9588, 0.3203, 0.2715



Tritanomaly

22.3352, 0.4039, 0.2929

Monochromacy



Original Color

22.4550, 0.3696, 0.2506



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

22.1847, 0.3328, 0.2940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4550, 0.3696, 0.2506 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, 95, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 95, 156)  
}
```

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, 95, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 95, 156) }
```

Border

The CSS property to change the border of an element to Yxy 22.4550, 0.3696, 0.2506 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, 95, 156) }
```

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

```
.border{ border-color:rgb(197, 95, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 95, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 95, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 95, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 95,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4550, 0.3696, 0.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 95, 156) }
```

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

```
.background{ background-color: rgb(197, 95,  
156) }
```

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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