

Converting Colors

$Y_{xy}(22.3772, 0.4123, 0.3023)$

Have a look what the booklet for
Yxy(22.3772, 0.4123, 0.3023)
contains.

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Color

Yxy(22.3772, 0.4123, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	C2667A
RGB	194, 102, 122
RGB Percent	76%, 40%, 48%
CMY	0.2391, 0.6001, 0.5215
CMYK	0.00, 0.47, 0.37, 0.24
HSL	347°, 43%, 58%
HSV	347°, 47%, 76%
XYZ	30.5197, 22.3772, 21.1262
YIQ	131.7880, 48.4120, 25.7240

Conversions

Conversions Part 2

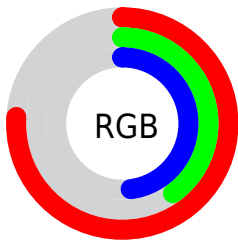
Format	Color
RYB	194, 102, 122
Decimal	12740218
CIELab	54.42, 38.83, 5.64
CIElCh	54, 39.238, 8.261
Yxy	22.3772, 0.4123, 0.3023
Android (android.graphics.Color)	4290930298 (0xFFC2667A)
YUV	131.7880, -4.8255, 54.5599
Hunter-Lab	47.3045, 32.3809, 6.6343

Details

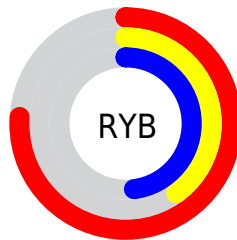
The Yxy color **22.3772, 0.4123, 0.3023** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.4795, 0.2618, 0.3592**, and the grayscale version is **22.9983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3813, 0.3906, 0.3091**, and **8.1804, 0.4500, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **18.6539, 0.4466, 0.2980**, and if you desaturate by 10%, it is **27.0539, 0.3830, 0.3077**.

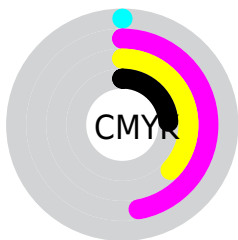
Distribution



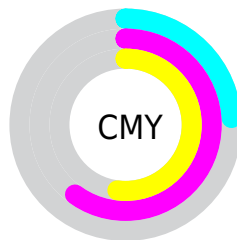
- Red (76%)
- Green (40%)
- Blue (48%)



- Red (76%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (47%)
- Yellow (37%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3772, 0.4123, 0.3023 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 22.3772, 0.4123, 0.3023 by changing the saturation by 10% instead.


 22.3772, 0.4123,
0.3023


 22.3772, 0.4123,
0.3023


264.5098, 0.3562,
0.3181


 14.1343, 0.4287,
0.2973


 47.3686, 0.3902,
0.3088


 8.2141, 0.4515,
0.2901


 64.8860, 0.3825,
0.3110

 4.2323, 0.4850,
0.2791

 86.2636, 0.3761,
0.3127

 1.8043, 0.5384,
0.2602

 111.8859, 0.3708,
0.3142

 0.4899, 0.7117,
0.2245

142.1373, 0.3663,
0.3154

 0.0000, 1.0000,
0.0000

177.4022, 0.3625,

 0.0000, 0.0000,

0.3165

0.0000

218.0649, 0.3591,
0.3174

■ 22.3772, 0.4123,
0.3023

■ 22.3772, 0.4123,
0.3023

■ 18.6539, 0.4466,
0.2980

■ 27.0539, 0.3830,
0.3077

■ 15.8149, 0.4852,
0.2956

■ 32.7404, 0.3587,
0.3136

■ 13.7866, 0.5257,
0.2962


■ 39.4925, 0.3388,
0.3195

■ 12.4826, 0.5641,
0.3004


■ 47.3611, 0.3227,
0.3251

■ 11.7799, 0.5962,
0.3079


■ 56.3935, 0.3096,
0.3303

 11.6429, 0.6034,
0.3098

 66.6347, 0.2990,
0.3351

 78.1270, 0.2904,
0.3395

 89.4932, 0.2832,
0.3412

 90.2141, 0.2773,
0.3289

Harmonies

Analogous

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



22.3772, 0.3456, 0.2588



22.3772, 0.4123, 0.3023



22.3772, 0.4492, 0.3537

Triad

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



22.3772, 0.4123, 0.3023



22.3772, 0.3375, 0.4561



22.3772, 0.1947, 0.2373

Complementary

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



22.3772, 0.4123, 0.3023



44.4795, 0.2618, 0.3592

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.



22.3772, 0.1930, 0.2800



22.3772, 0.4123, 0.3023



22.3772, 0.2709, 0.4183

Square

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



22.3772, 0.4123, 0.3023



22.3772, 0.4009, 0.4462



22.3772, 0.2190, 0.3475



22.3772, 0.2228, 0.2218

Rectangle

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



22.3772, 0.4123, 0.3023



22.3772, 0.4500, 0.3886



22.3772, 0.2190, 0.3475



22.3772, 0.1912, 0.2484

Sweetspot

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



22.3783, 0.4123, 0.3023



75.8856, 0.3333, 0.3213



22.2292, 0.2941, 0.2067



15.9602, 0.3370, 0.3200



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.



22.3783, 0.4123, 0.3023



33.5113, 0.4483, 0.2978



27.4902, 0.4243, 0.3624



10.1130, 0.3255, 0.3240



7.6618, 0.6003, 0.3081



0.3416, 0.5369, 0.2731

Inverse Universe

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



22.3783, 0.4123, 0.3023



33.5113, 0.4483, 0.2978



35.2781, 0.2436, 0.2913



10.1130, 0.3255, 0.3240



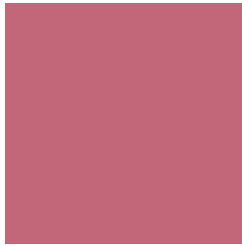
7.6618, 0.6003, 0.3081



0.3416, 0.5369, 0.2731

Previews

White Background



This preview shows how the Yxy color 22.3772, 0.4123, 0.3023 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 22.3772, 0.4123, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

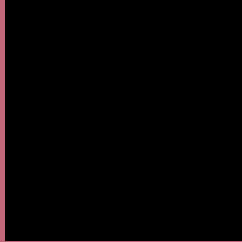
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3772, 0.4123, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 22.3772, 0.4123, 0.3023.



This preview shows how white text looks on a background with the Yxy color 22.3772, 0.4123, 0.3023.

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

22.3772, 0.4123, 0.3023

Protanopia

22.6255, 0.3054, 0.3151

Deuteranopia

22.5256, 0.3490, 0.3426



Tritanopia

22.3858, 0.4260, 0.3199

Trichromacy



Original Color

22.3772, 0.4123, 0.3023

Protanomaly

21.9689, 0.3411, 0.3095

Deuteranomaly

22.0538, 0.3727, 0.3260

Tritanomaly

22.2758, 0.4207, 0.3131

Monochromacy



Original Color

22.3772, 0.4123, 0.3023

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.2018, 0.3470, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3772, 0.4123, 0.3023 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(194, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(194, 102, 122)  
}
```

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(194, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 102, 122) }
```

Border

The CSS property to change the border of an element to Yxy 22.3772, 0.4123, 0.3023 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(194, 102, 122) }
```

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

```
.border{ border-color:rgb(194, 102, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(194, 102,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3772, 0.4123, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 102, 122) }
```

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

```
.background{ background-color: rgb(194,  
102, 122) }
```

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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