

Converting Colors

$Y_{xy}(22.0919, 0.3951, 0.2694)$

Have a look what the booklet for
Yxy(22.0919, 0.3951, 0.2694)
contains.

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Color

Yxy(22.0410, 0.3952, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	C75E8C
RGB	199, 94, 140
RGB Percent	78%, 37%, 55%
CMY	0.2197, 0.6313, 0.4509
CMYK	0.00, 0.53, 0.30, 0.22
HSL	334°, 48%, 57%
HSV	334°, 53%, 78%
XYZ	32.2854, 22.0410, 27.3674
YIQ	130.6390, 47.8140, 36.5660

Conversions

Conversions Part 2

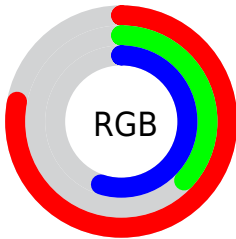
Format	Color
R _Y B	199, 94, 140
Decimal	13065868
CIE Lab	54.07, 46.84, -5.41
CIE LCh	54, 47.150, 353.415
Yxy	22.0410, 0.3952, 0.2698
Android (android.graphics.Color)	4291255948 (0xFFC75E8C)
YUV	130.6390, 4.6150, 59.9526
Hunter-Lab	46.9478, 40.5934, -1.6986

Details

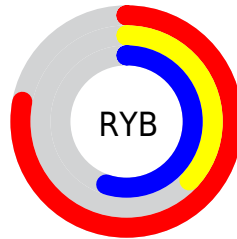
The Yxy color **22.0410, 0.3952, 0.2698** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **45.5164, 0.2710, 0.4007**, and the grayscale version is **22.5345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2901, 0.3750, 0.2824**, and **8.0066, 0.4265, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **18.6337, 0.4200, 0.2613**, and if you desaturate by 10%, it is **26.3961, 0.3734, 0.2804**.

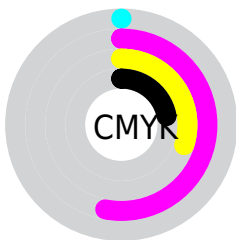
Distribution



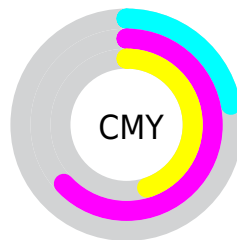
- Red (78%)
- Green (37%)
- Blue (55%)



- Red (78%)
- Yellow (37%)
- Blue (55%)



- Cyan (0%)
- Magenta (53%)
- Yellow (30%)
- Black (22%)





- Cyan (22%)
- Magenta (63%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.0410, 0.3952, 0.2698 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 22.0410, 0.3952, 0.2698 by changing the saturation by 10% instead.


 22.0410, 0.3952,
0.2698


 22.0410, 0.3952,
0.2698


262.7603, 0.3495,
0.3020


 13.8870, 0.4083,
0.2608


 46.8138, 0.3774,
0.2821


 8.0421, 0.4262,
0.2488


 64.2013, 0.3711,
0.2866

 4.1219, 0.4522,
0.2316

 85.4355, 0.3659,
0.2903

 1.7420, 0.4930,
0.2056

 110.9008, 0.3616,
0.2933

 0.4506, 0.5775,
0.1443

140.9815, 0.3579,
0.2960

 0.0000, 1.0000,
0.0000

176.0621, 0.3547,

 0.0000, 0.0000,

0.2982

0.0000

216.5269, 0.3519,
0.3002

■ 22.0410, 0.3952,
0.2698

■ 22.0410, 0.3952,
0.2698

■ 18.6337, 0.4200,
0.2613

■ 26.3961, 0.3734,
0.2804

■ 16.0982, 0.4473,
0.2560

■ 31.7606, 0.3548,
0.2919

■ 14.3524, 0.4758,
0.2552

■ 38.1947, 0.3391,
0.3037

■ 13.2963, 0.5038,
0.2597

■ 45.7531, 0.3261,
0.3152

■ 12.8300, 0.5232,
0.2656

■ 54.4864, 0.3153,
0.3261

■ 64.4424, 0.3065,
0.3364

■ 75.6661, 0.2992,
0.3458

■ 88.2002, 0.2932,
0.3545

■ 89.9872, 0.2874,
0.3442

Harmonies

Analogous

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



22.0410, 0.3083, 0.2276



22.0410, 0.3952, 0.2698



22.0410, 0.4616, 0.3250

Triad

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



22.0410, 0.3952, 0.2698



22.0410, 0.3785, 0.4826



22.0410, 0.1698, 0.2395

Complementary

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



22.0410, 0.3952, 0.2698



45.5164, 0.2710, 0.4007

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.



22.0410, 0.1825, 0.3053



22.0410, 0.3952, 0.2698



22.0410, 0.2989, 0.4699

Square

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



22.0410, 0.3952, 0.2698



22.0410, 0.4451, 0.4440



22.0410, 0.2273, 0.3964



22.0410, 0.1872, 0.2079

Rectangle

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



22.0410, 0.3952, 0.2698



22.0410, 0.4790, 0.3652



22.0410, 0.2273, 0.3964



22.0410, 0.1706, 0.2575

Sweetspot

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



22.0421, 0.3952, 0.2698



75.2850, 0.3303, 0.3112



18.7829, 0.2663, 0.1838



15.5182, 0.3330, 0.3088



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.



22.0421, 0.3952, 0.2698



32.0350, 0.4231, 0.2605



21.9225, 0.4608, 0.3361



10.7129, 0.3222, 0.3189



8.2692, 0.5199, 0.2637



0.4060, 0.4681, 0.2352

Inverse Universe

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



22.0421, 0.3952, 0.2698



32.0350, 0.4231, 0.2605



44.9662, 0.2439, 0.3211



10.7129, 0.3222, 0.3189



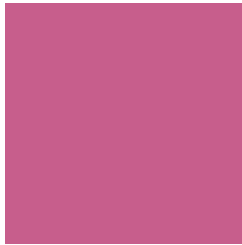
8.2692, 0.5199, 0.2637



0.4060, 0.4681, 0.2352

Previews

White Background



This preview shows how the Yxy color 22.0410, 0.3952, 0.2698 looks on a white background.

Color Contrast Check

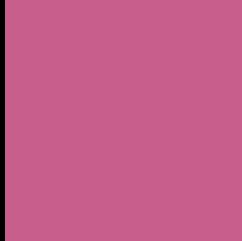
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0410, 0.3952, 0.2698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

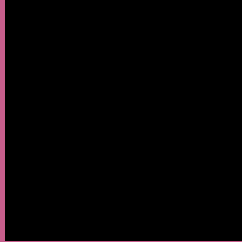
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0410, 0.3952, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 22.0410, 0.3952, 0.2698.



This preview shows how white text looks on a background with the Yxy color 22.0410, 0.3952, 0.2698.

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

22.0410, 0.3952, 0.2698

Protanopia

22.1846, 0.2724, 0.2714

Deuteranopia

22.2464, 0.3194, 0.3137



Tritanopia

21.9328, 0.4365, 0.3188

Trichromacy



Original Color

22.0410, 0.3952, 0.2698

Protanomaly

21.3079, 0.3107, 0.2685

Deuteranomaly

21.4178, 0.3451, 0.2929

Tritanomaly

21.9617, 0.4209, 0.3003

Monochromacy



Original Color

22.0410, 0.3952, 0.2698

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.7460, 0.3416, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0410, 0.3952, 0.2698 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(199, 94, 140)` looks like.

```
.text, #text, p{  
    color:rgb(199, 94, 140)  
}
```

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(199, 94, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 94, 140) }
```

Border

The CSS property to change the border of an element to Yxy 22.0410, 0.3952, 0.2698 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(199, 94, 140) }
```

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

```
.border{ border-color:rgb(199, 94, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 94, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 94, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 94, 140);  
box-shadow:4px 4px 4px 4px rgb(199, 94,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0410, 0.3952, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 94, 140) }
```

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

```
.background{ background-color: rgb(199, 94,  
140) }
```

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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