

Converting Colors

$Y_{xy}(22.1151, 0.4396, 0.3195)$

Have a look what the booklet for
Yxy(22.1151, 0.4396, 0.3195)
contains.

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Color

Yxy(22.1816, 0.4403, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	C6646B
RGB	198, 100, 107
RGB Percent	78%, 39%, 42%
CMY	0.2235, 0.6078, 0.5803
CMYK	0.00, 0.49, 0.46, 0.22
HSL	356°, 46%, 58%
HSV	356°, 49%, 78%
XYZ	30.5014, 22.1816, 16.5912
YIQ	130.1000, 56.1610, 22.9530

Conversions

Conversions Part 2

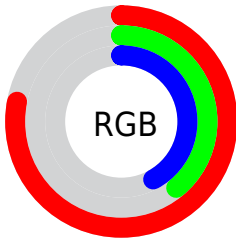
Format	Color
R_{YB}	198, 100, 107
Decimal	13001835
CIE _{Lab}	54.22, 39.65, 14.24
CIE _{LCh}	54, 42.131, 19.760
Yxy	22.1816, 0.4403, 0.3202
Android (android.graphics.Color)	4291191915 (0xFFC6646B)
YUV	130.1000, -11.3883, 59.5483
Hunter-Lab	47.0973, 33.1808, 12.0818

Details

The Yxy color **22.1816, 0.4403, 0.3202** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.8594, 0.2522, 0.3391**, and the grayscale version is **22.3877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5111, 0.4097, 0.3240**, and **8.0983, 0.4897, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **18.4882, 0.4828, 0.3192**, and if you desaturate by 10%, it is **26.8824, 0.4035, 0.3218**.

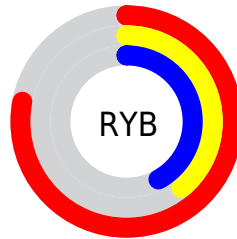
Distribution



Red (78%)

Green (39%)

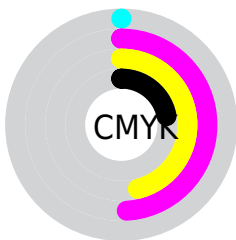
Blue (42%)



Red (78%)

Yellow (39%)

Blue (42%)

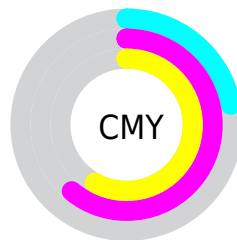


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (61%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1816, 0.4403, 0.3202 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 22.1816, 0.4403, 0.3202 by changing the saturation by 10% instead.


 22.1816, 0.4403,
0.3202


 22.1816, 0.4403,
0.3202


263.4932, 0.3681,
0.3276

 13.9904, 0.4614,
0.3169


 47.0460, 0.4119,
0.3238


 8.1140, 0.4905,
0.3116

 64.4879, 0.4019,
0.3249

 4.1680, 0.5328,
0.3022

 85.7822, 0.3937,
0.3257

 1.7680, 0.6000,
0.2844

 111.3133, 0.3868,
0.3262

 0.4671, 0.7685,
0.2315

141.4655, 0.3811,
0.3267

 0.0000, 1.0000,
0.0000

176.6233, 0.3761,

 0.0000, 0.0000,

0.3271

0.0000

217.1711, 0.3719,
0.3273

■ 22.1816, 0.4403,
0.3202

■ 22.1816, 0.4403,
0.3202

■ 18.4882, 0.4828,
0.3192

■ 26.8824, 0.4035,
0.3218

■ 15.7255, 0.5286,
0.3192

■ 32.6532, 0.3729,
0.3236

■ 13.8114, 0.5728,
0.3205


■ 39.5554, 0.3480,
0.3255

■ 12.6478, 0.6089,
0.3231

■ 47.6451, 0.3280,
0.3274


■ 12.0627, 0.6321,
0.3260

■ 56.9743, 0.3120,
0.3291

 12.0384, 0.6329,
0.3260

 67.5921, 0.2991,
0.3307

 79.5450, 0.2887,
0.3321

 90.6866, 0.2799,
0.3299

 90.7462, 0.2794,
0.3289

Harmonies

Analogous

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



22.1816, 0.3775, 0.2702



22.1816, 0.4403, 0.3202



22.1816, 0.4623, 0.3757

Triad

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



22.1816, 0.4403, 0.3202



22.1816, 0.3104, 0.4575



22.1816, 0.1952, 0.2214

Complementary

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



22.1816, 0.4403, 0.3202



46.8594, 0.2522, 0.3391

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.



22.1816, 0.1826, 0.2549



22.1816, 0.4403, 0.3202



22.1816, 0.2434, 0.3984

Square

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



22.1816, 0.4403, 0.3202



22.1816, 0.3819, 0.4643



22.1816, 0.1984, 0.3181



22.1816, 0.2352, 0.2156

Rectangle

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



22.1816, 0.4403, 0.3202



22.1816, 0.4509, 0.4120



22.1816, 0.1984, 0.3181



22.1816, 0.1879, 0.2293

Sweetspot

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



22.1827, 0.4403, 0.3202



75.8974, 0.3390, 0.3263



24.1179, 0.3092, 0.2075



15.6069, 0.3434, 0.3259



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.



22.1827, 0.4403, 0.3202



32.5173, 0.4845, 0.3192



31.9274, 0.4208, 0.3829



10.6491, 0.3278, 0.3274



7.8335, 0.6313, 0.3251



0.3753, 0.6023, 0.3092

Inverse Universe

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



22.1827, 0.4403, 0.3202



32.5173, 0.4845, 0.3192



30.9578, 0.2365, 0.2659



10.6491, 0.3278, 0.3274



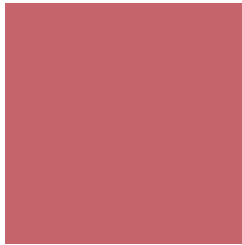
7.8335, 0.6313, 0.3251



0.3753, 0.6023, 0.3092

Previews

White Background



This preview shows how the Yxy color 22.1816, 0.4403, 0.3202 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 22.1816, 0.4403, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

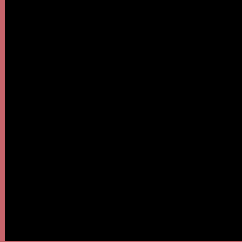
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1816, 0.4403, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 22.1816, 0.4403, 0.3202.



This preview shows how white text looks on a background with the Yxy color 22.1816, 0.4403, 0.3202.

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

22.1816, 0.4403, 0.3202

Protanopia

22.4387, 0.3262, 0.3432

Deuteranopia

22.3219, 0.3727, 0.3660



Tritanopia

22.1816, 0.4403, 0.3202

Trichromacy



Original Color

22.1816, 0.4403, 0.3202

Protanomaly

21.6461, 0.3642, 0.3324

Deuteranomaly

21.9253, 0.3983, 0.3478

Tritanomaly

22.1816, 0.4403, 0.3202

Monochromacy



Original Color

22.1816, 0.4403, 0.3202

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.5674, 0.3552, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1816, 0.4403, 0.3202 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(198, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(198, 100, 107)  
}
```

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(198, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 100, 107) }
```

Border

The CSS property to change the border of an element to Yxy 22.1816, 0.4403, 0.3202 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(198, 100, 107) }
```

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

```
.border{ border-color:rgb(198, 100, 107) }
```

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

Here you see how a box with a 4 pixel rgb(198, 100, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(198, 100,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1816, 0.4403, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 100, 107) }
```

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

```
.background{ background-color: rgb(198,  
100, 107) }
```

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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