

Converting Colors

$Y_{xy}(22.0151, 0.4135, 0.2946)$

Have a look what the booklet for
Yxy(22.0151, 0.4135, 0.2946)
contains.

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Color

Yxy(21.9264, 0.4137, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	C4627C
RGB	196, 98, 124
RGB Percent	77%, 38%, 49%
CMY	0.2314, 0.6156, 0.5137
CMYK	0.00, 0.50, 0.37, 0.23
HSL	344°, 45%, 58%
HSV	344°, 50%, 77%
XYZ	30.7698, 21.9264, 21.6810
YIQ	130.2660, 50.0620, 28.8620

Conversions

Conversions Part 2

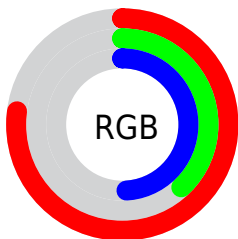
Format	Color
RYB	196, 98, 124
Decimal	12870268
CIELab	53.95, 41.82, 3.81
CIElCh	54, 41.990, 5.209
Yxy	21.9264, 0.4137, 0.2948
Android (android.graphics.Color)	4291060348 (0xFFC4627C)
YUV	130.2660, -3.0891, 57.6487
Hunter-Lab	46.8256, 35.3503, 5.3258

Details

The Yxy color **21.9264, 0.4137, 0.2948** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **44.9766, 0.2625, 0.3686**, and the grayscale version is **22.4213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5278, 0.3917, 0.3030**, and **7.9510, 0.4547, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **18.3594, 0.4468, 0.2898**, and if you desaturate by 10%, it is **26.4467, 0.3852, 0.3013**.

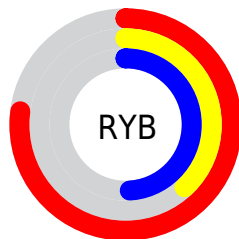
Distribution



Red (77%)

Green (38%)

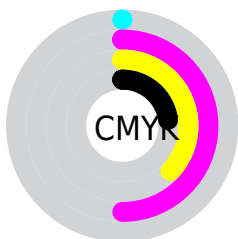
Blue (49%)



Red (77%)

Yellow (38%)

Blue (49%)

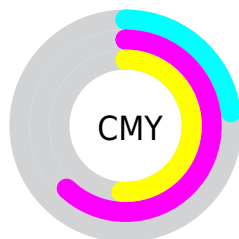


Cyan (0%)

Magenta (50%)

Yellow (37%)

Black (23%)



Cyan (23%)


Magenta (62%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9264, 0.4137, 0.2948 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 21.9264, 0.4137, 0.2948 by changing the saturation by 10% instead.


 21.9264, 0.4137,
0.2948


 21.9264, 0.4137,
0.2948


262.1617, 0.3568,
0.3146


 13.8028, 0.4304,
0.2887


 46.6243, 0.3913,
0.3028

 7.9837, 0.4535,
0.2802


 63.9675, 0.3834,
0.3055

 4.0845, 0.4876,
0.2672

 85.1526, 0.3770,
0.3078

 1.7209, 0.5418,
0.2457

 110.5641, 0.3716,
0.3096

 0.4372, 0.7105,
0.1957

140.5863, 0.3670,
0.3112

 0.0000, 1.0000,
0.0000

175.6038, 0.3632,

 0.0000, 0.0000,

0.3125

0.0000

216.0007, 0.3598,
0.3136

■ 21.9264, 0.4137,
0.2948

■ 21.9264, 0.4137,
0.2948

■ 18.3594, 0.4468,
0.2898

■ 26.4467, 0.3852,
0.3013

■ 15.6735, 0.4836,
0.2872

■ 31.9791, 0.3613,
0.3084

■ 13.7911, 0.5218,
0.2882


■ 38.5815, 0.3417,
0.3156


■ 12.6199, 0.5581,
0.2934


■ 46.3066, 0.3257,
0.3225

■ 11.9832, 0.5890,
0.3019

■ 55.2035, 0.3127,
0.3290

 11.9829, 0.5891,
0.3019

 65.3183, 0.3021,
0.3350

 76.6948, 0.2935,
0.3406

 89.3744, 0.2864,
0.3456

 90.3852, 0.2791,
0.3304

Harmonies

Analogous

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



21.9264, 0.3399, 0.2502



21.9264, 0.4137, 0.2948



21.9264, 0.4577, 0.3485

Triad

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



21.9264, 0.4137, 0.2948



21.9264, 0.3458, 0.4677



21.9264, 0.1856, 0.2339

Complementary

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



21.9264, 0.4137, 0.2948



44.9766, 0.2625, 0.3686

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.



21.9264, 0.1865, 0.2820



21.9264, 0.4137, 0.2948



21.9264, 0.2741, 0.4326

Square

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



21.9264, 0.4137, 0.2948



21.9264, 0.4124, 0.4508



21.9264, 0.2167, 0.3568



21.9264, 0.2124, 0.2152

Rectangle

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



21.9264, 0.4137, 0.2948



21.9264, 0.4612, 0.3858



21.9264, 0.2167, 0.3568



21.9264, 0.1828, 0.2465

Sweetspot

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



21.9275, 0.4137, 0.2948



76.2973, 0.3337, 0.3189



21.2534, 0.2891, 0.1989



15.7020, 0.3372, 0.3174



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.



21.9275, 0.4137, 0.2948



32.7336, 0.4502, 0.2894



26.2608, 0.4355, 0.3597



10.1208, 0.3248, 0.3229



7.7124, 0.5856, 0.2999



0.3451, 0.5198, 0.2637

Inverse Universe

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



21.9275, 0.4137, 0.2948



32.7336, 0.4502, 0.2894



36.5199, 0.2413, 0.2941



10.1208, 0.3248, 0.3229



7.7124, 0.5856, 0.2999



0.3451, 0.5198, 0.2637

Previews

White Background



This preview shows how the Yxy color 21.9264, 0.4137, 0.2948 looks on a white background.

Color Contrast Check

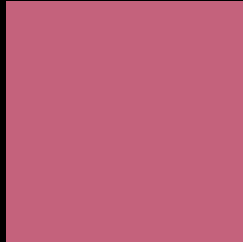
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9264, 0.4137, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

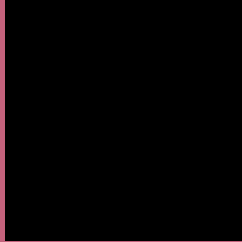
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9264, 0.4137, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 21.9264, 0.4137, 0.2948.



This preview shows how white text looks on a background with the Yxy color 21.9264, 0.4137, 0.2948.

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

21.9264, 0.4137, 0.2948

Protanopia

22.2427, 0.2979, 0.3063

Deuteranopia

22.1343, 0.3444, 0.3376



Tritanopia

21.9922, 0.4346, 0.3200

Trichromacy



Original Color

21.9264, 0.4137, 0.2948

Protanomaly

21.4784, 0.3366, 0.3014

Deuteranomaly

21.5345, 0.3695, 0.3197

Tritanomaly

21.9314, 0.4264, 0.3107

Monochromacy



Original Color

21.9264, 0.4137, 0.2948

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.3854, 0.3466, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9264, 0.4137, 0.2948 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(196, 98, 124)` looks like.

```
.text, #text, p{  
    color:rgb(196, 98, 124)  
}
```

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(196, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 98, 124) }
```

Border

The CSS property to change the border of an element to Yxy 21.9264, 0.4137, 0.2948 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(196, 98, 124) }
```

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

```
.border{ border-color:rgb(196, 98, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 98, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(196, 98,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9264, 0.4137, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 98, 124) }
```

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

```
.background{ background-color: rgb(196, 98,  
124) }
```

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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