

Converting Colors

$Y_{xy}(22.9404, 0.4468, 0.2952)$

Have a look what the booklet for
Yxy(22.9404, 0.4468, 0.2952)
contains.

Yxy(22.9404, 0.4468, 0.2952)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.9404, 0.4468, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	D65A77
RGB	214, 90, 119
RGB Percent	84%, 35%, 47%
CMY	0.1607, 0.6471, 0.5333
CMYK	0.00, 0.58, 0.44, 0.16
HSL	346°, 60%, 60%
HSV	346°, 58%, 84%
XYZ	34.7214, 22.9404, 20.0495
YIQ	130.3820, 64.5950, 35.3070

Conversions

Conversions Part 2

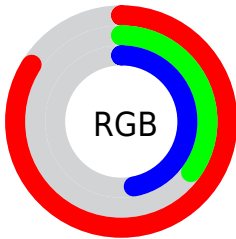
Format	Color
R_{YB}	214, 90, 119
Decimal	14047863
CIE _{Lab}	55.01, 51.35, 8.65
CIE _{LCh}	55, 52.071, 9.562
Yxy	22.9404, 0.4468, 0.2952
Android (android.graphics.Color)	4292237943 (0xFFD65A77)
YUV	130.3820, -5.6113, 73.3330
Hunter-Lab	47.8961, 45.5821, 8.7082

Details

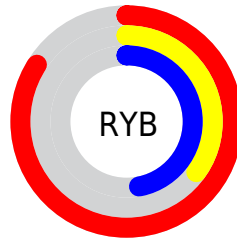
The Yxy color **22.9404, 0.4468, 0.2952** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **53.7792, 0.2551, 0.3705**, and the grayscale version is **22.4681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4511, 0.3989, 0.3020**, and **8.5112, 0.4981, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **19.4761, 0.4850, 0.2927**, and if you desaturate by 10%, it is **27.5142, 0.4126, 0.2998**.

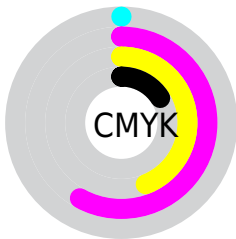
Distribution



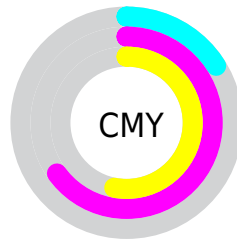
- Red (84%)
- Green (35%)
- Blue (47%)



- Red (84%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (58%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9404, 0.4468, 0.2952 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 22.9404, 0.4468, 0.2952 by changing the saturation by 10% instead.


 22.9404, 0.4468,
0.2952


 22.9404, 0.4468,
0.2952

267.4187, 0.3717,
0.3157

 14.5495, 0.4684,
0.2886


 48.2954, 0.4174,
0.3037

 8.5038, 0.4980,
0.2792

 66.0284, 0.4070,
0.3065

 4.4190, 0.5406,
0.2646

 87.6441, 0.3985,
0.3088

 1.9106, 0.6056,
0.2403

 113.5271, 0.3914,
0.3107

 0.5547, 0.7966,
0.2034

144.0616, 0.3853,
0.3123

 0.0000, 1.0000,
0.0000

179.6321, 0.3801,

 0.0000, 0.0000,

0.3136

0.0000

220.6230, 0.3756,
0.3147

■ 22.9404, 0.4468,
0.2952

■ 22.9404, 0.4468,
0.2952

■ 19.4761, 0.4850,
0.2927

■ 27.5142, 0.4126,
0.2998

■ 17.0222, 0.5250,
0.2935

■ 33.2780, 0.3835,
0.3057

■ 15.4681, 0.5629,
0.2982

■ 40.3093, 0.3592,
0.3120

■ 14.6550, 0.5944,
0.3063

■ 48.6777, 0.3394,
0.3184

■ 14.5297, 0.6001,
0.3080

■ 58.4478, 0.3233,
0.3244

■ 69.6801, 0.3103,
0.3301

■ 82.4314, 0.2997,
0.3354

■ 92.7318, 0.2908,
0.3339

■ 93.0390, 0.2883,
0.3289

Harmonies

Analogous

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



22.9404, 0.3586, 0.2421



22.9404, 0.4468, 0.2952



22.9404, 0.4917, 0.3574

Triad

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



22.9404, 0.4468, 0.2952



22.9404, 0.3362, 0.4989



22.9404, 0.1658, 0.2097

Complementary

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



22.9404, 0.4468, 0.2952



53.7792, 0.2551, 0.3705

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.



22.9404, 0.1616, 0.2592



22.9404, 0.4468, 0.2952



22.9404, 0.2524, 0.4471

Square

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



22.9404, 0.4468, 0.2952



22.9404, 0.4182, 0.4796



22.9404, 0.1900, 0.3467



22.9404, 0.2008, 0.1943

Rectangle

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



22.9404, 0.4468, 0.2952



22.9404, 0.4883, 0.4009



22.9404, 0.1900, 0.3467



22.9404, 0.1610, 0.2220

Sweetspot

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



22.9416, 0.4468, 0.2952



73.4347, 0.3380, 0.3188



22.2355, 0.2858, 0.1799



15.1352, 0.3417, 0.3176



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.



22.9416, 0.4468, 0.2952



27.8119, 0.4960, 0.2926



28.7113, 0.4644, 0.3661



12.4679, 0.3255, 0.3236



8.7940, 0.5966, 0.3060



0.5434, 0.5470, 0.2787

Inverse Universe

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



22.9416, 0.4468, 0.2952



27.8119, 0.4960, 0.2926



40.9011, 0.2312, 0.2841



12.4679, 0.3255, 0.3236



8.7940, 0.5966, 0.3060



0.5434, 0.5470, 0.2787

Previews

White Background



This preview shows how the Yxy color 22.9404, 0.4468, 0.2952 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 22.9404, 0.4468, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

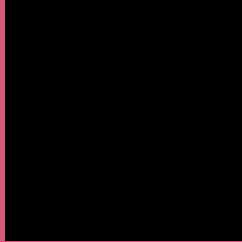
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9404, 0.4468, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 22.9404, 0.4468, 0.2952.

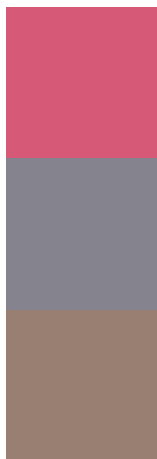


This preview shows how white text looks on a background with the Yxy color 22.9404, 0.4468, 0.2952.

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

22.9404, 0.4468, 0.2952

Protanopia

23.0911, 0.3023, 0.3101

Deuteranopia

23.0464, 0.3596, 0.3524



Tritanopia

23.0716, 0.4716, 0.3225

Trichromacy



Original Color

22.9404, 0.4468, 0.2952

Protanomaly

21.8934, 0.3497, 0.3008

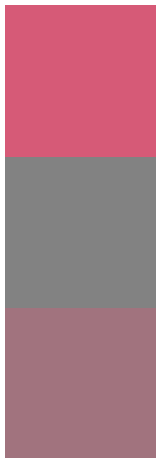
Deuteranomaly

22.3864, 0.3922, 0.3277

Tritanomaly

23.0364, 0.4620, 0.3130

Monochromacy



Original Color

22.9404, 0.4468, 0.2952

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.3449, 0.3590, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9404, 0.4468, 0.2952 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(214, 90, 119)` looks like.

```
.text, #text, p{  
    color:rgb(214, 90, 119)  
}
```

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(214, 90, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 90, 119) }
```

Border

The CSS property to change the border of an element to Yxy 22.9404, 0.4468, 0.2952 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(214, 90, 119) }
```

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

```
.border{ border-color:rgb(214, 90, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 90, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 90, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 90, 119);  
box-shadow:4px 4px 4px 4px rgb(214, 90,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9404, 0.4468, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 90, 119) }
```

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

```
.background{ background-color: rgb(214, 90,  
119) }
```

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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