

Converting Colors

$Y_{xy}(22.5819, 0.4527, 0.3019)$

Have a look what the booklet for
Yxy(22.5819, 0.4527, 0.3019)
contains.

Yxy(22.5243, 0.4522, 0.3009)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.5243, 0.4522, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	D45A72
RGB	212, 90, 114
RGB Percent	83%, 35%, 45%
CMY	0.1685, 0.6471, 0.5530
CMYK	0.00, 0.58, 0.46, 0.17
HSL	348°, 59%, 59%
HSV	348°, 58%, 83%
XYZ	33.8501, 22.5243, 18.4821
YIQ	129.2140, 65.0080, 33.3280

Conversions

Conversions Part 2

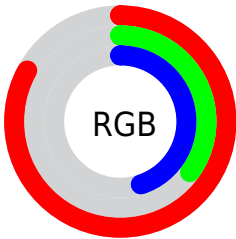
Format	Color
R _Y B	212, 90, 114
Decimal	13916786
CIE Lab	54.58, 50.19, 10.95
CIE LCh	55, 51.375, 12.307
Yxy	22.5243, 0.4522, 0.3009
Android (android.graphics.Color)	4292106866 (0xFFD45A72)
YUV	129.2140, -7.5005, 72.6033
Hunter-Lab	47.4598, 44.2582, 10.1328

Details

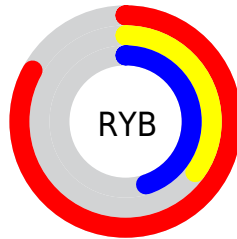
The Yxy color **22.5243, 0.4522, 0.3009** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **52.9039, 0.2530, 0.3633**, and the grayscale version is **22.0406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9597, 0.4047, 0.3062**, and **8.3097, 0.5069, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **19.0928, 0.4922, 0.2990**, and if you desaturate by 10%, it is **27.0502, 0.4164, 0.3047**.

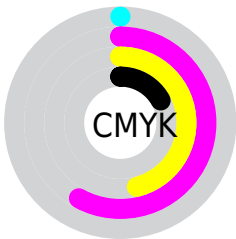
Distribution



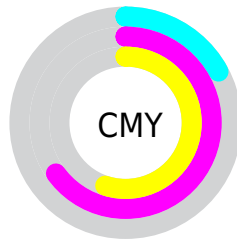
- Red (83%)
- Green (35%)
- Blue (45%)



- Red (83%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (46%)
- Black (17%)




- Cyan (17%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5243, 0.4522, 0.3009 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 22.5243, 0.4522, 0.3009 by changing the saturation by 10% instead.


 22.5243, 0.4522,
0.3009


 22.5243, 0.4522,
0.3009


265.2722, 0.3738,
0.3187


 14.2427, 0.4749,
0.2948


 47.6110, 0.4214,
0.3085


 8.2896, 0.5060,
0.2859


 65.1849, 0.4106,
0.3110

 4.2808, 0.5506,
0.2718

 86.6250, 0.4017,
0.3130

 1.8319, 0.6188,
0.2473

 112.3157, 0.3942,
0.3146

 0.5069, 0.8008,
0.1992

142.6413, 0.3879,
0.3159

 0.0000, 1.0000,
0.0000

177.9864, 0.3825,

 0.0000, 0.0000,

0.3170

0.0000

218.7352, 0.3779,
0.3179

■ 22.5243, 0.4522,
0.3009

■ 22.5243, 0.4522,
0.3009

■ 19.0928, 0.4922,
0.2990

■ 27.0502, 0.4164,
0.3047

■ 16.6588, 0.5338,
0.3000

■ 32.7494, 0.3859,
0.3096

■ 15.1142, 0.5726,
0.3044

■ 39.6977, 0.3605,
0.3149

■ 14.3094, 0.6038,
0.3118

■ 47.9636, 0.3399,
0.3203

■ 14.1659, 0.6102,
0.3135

■ 57.6103, 0.3232,
0.3254

■ 68.6973, 0.3097,
0.3301

■ 81.2802, 0.2987,
0.3345

■ 92.4382, 0.2897,
0.3338

■ 92.7408, 0.2872,
0.3289

Harmonies

Analogous

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



22.5243, 0.3671, 0.2469



22.5243, 0.4522, 0.3009



22.5243, 0.4916, 0.3633

Triad

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



22.5243, 0.4522, 0.3009



22.5243, 0.3283, 0.4960



22.5243, 0.1686, 0.2078

Complementary

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



22.5243, 0.4522, 0.3009



52.9039, 0.2530, 0.3633

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.



22.5243, 0.1616, 0.2536



22.5243, 0.4522, 0.3009



22.5243, 0.2460, 0.4381

Square

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



22.5243, 0.4522, 0.3009



22.5243, 0.4109, 0.4826



22.5243, 0.1867, 0.3375



22.5243, 0.2062, 0.1951

Rectangle

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



22.5243, 0.4522, 0.3009



22.5243, 0.4847, 0.4066



22.5243, 0.1867, 0.3375



22.5243, 0.1629, 0.2190

Sweetspot

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



22.5255, 0.4522, 0.3009



73.3490, 0.3392, 0.3205



22.7074, 0.2926, 0.1836



15.1152, 0.3430, 0.3194



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.



22.5255, 0.4522, 0.3009



28.0666, 0.5012, 0.2990



29.8137, 0.4576, 0.3734



12.4604, 0.3260, 0.3244



8.7544, 0.6071, 0.3118



0.5399, 0.5594, 0.2855

Inverse Universe

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



22.5255, 0.4522, 0.3009



28.0666, 0.5012, 0.2990



37.7487, 0.2297, 0.2752



12.4604, 0.3260, 0.3244



8.7544, 0.6071, 0.3118



0.5399, 0.5594, 0.2855

Previews

White Background



This preview shows how the Yxy color 22.5243, 0.4522, 0.3009 looks on a white background.

Color Contrast Check

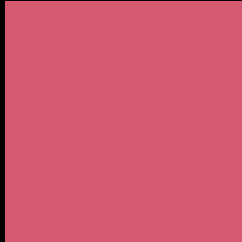
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5243, 0.4522, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

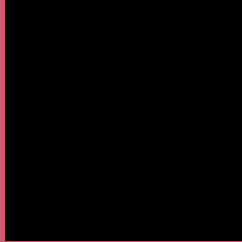
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5243, 0.4522, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 22.5243, 0.4522, 0.3009.



This preview shows how white text looks on a background with the Yxy color 22.5243, 0.4522, 0.3009.

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

22.5243, 0.4522, 0.3009

Protanopia

22.6484, 0.3086, 0.3186

Deuteranopia

22.6798, 0.3661, 0.3592



Tritanopia

22.5784, 0.4717, 0.3224

Trichromacy



Original Color

22.5243, 0.4522, 0.3009

Protanomaly

21.3970, 0.3564, 0.3084

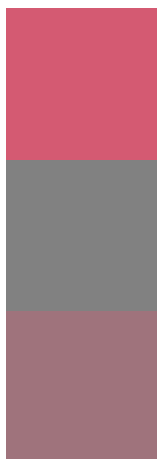
Deuteranomaly

21.9347, 0.3983, 0.3338

Tritanomaly

22.5027, 0.4650, 0.3152

Monochromacy



Original Color

22.5243, 0.4522, 0.3009

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.0876, 0.3591, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5243, 0.4522, 0.3009 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(212, 90, 114)` looks like.

```
.text, #text, p{  
  color:rgb(212, 90, 114)  
}
```

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(212, 90, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 90, 114) }
```

Border

The CSS property to change the border of an element to Yxy 22.5243, 0.4522, 0.3009 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(212, 90, 114) }
```

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

```
.border{ border-color:rgb(212, 90, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 90, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 90, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 90, 114);  
box-shadow:4px 4px 4px 4px rgb(212, 90,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5243, 0.4522, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 90, 114) }
```

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

```
.background{ background-color: rgb(212, 90,  
114) }
```

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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