

Converting Colors

$Y_{xy}(22.3509, 0.4043, 0.2503)$

Have a look what the booklet for
Yxy(22.3509, 0.4043, 0.2503)
contains.

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Color

Yxy(22.3509, 0.4043, 0.2503)

Conversions

Conversions Part 1

Format	Color
Hex	D65195
RGB	214, 81, 149
RGB Percent	84%, 32%, 58%
CMY	0.1607, 0.6824, 0.4157
CMYK	0.00, 0.62, 0.30, 0.16
HSL	329°, 62%, 58%
HSV	329°, 62%, 84%
XYZ	36.1026, 22.3509, 30.8430
YIQ	128.5190, 57.4400, 49.3440

Conversions

Conversions Part 2

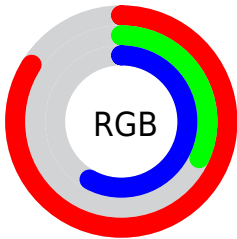
Format	Color
R _Y B	214, 81, 149
Decimal	14045589
CIE Lab	54.40, 58.67, -9.97
CIE LCh	54, 59.512, 350.351
Yxy	22.3509, 0.4043, 0.2503
Android (android.graphics.Color)	4292235669 (0xFFD65195)
YUV	128.5190, 10.0971, 74.9668
Hunter-Lab	47.2767, 53.5760, -5.5866

Details

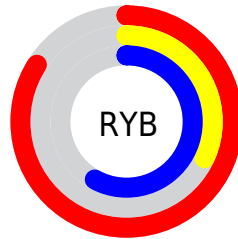
The Yxy color **22.3509, 0.4043, 0.2503** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **51.9274, 0.2718, 0.4325**, and the grayscale version is **21.7245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4631, 0.3670, 0.2617**, and **8.1645, 0.4370, 0.2247** is the 20% darker color. If you saturate the color by 10%, you get **19.3382, 0.4272, 0.2433**, and if you desaturate by 10%, it is **26.3979, 0.3833, 0.2606**.

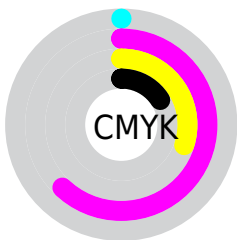
Distribution



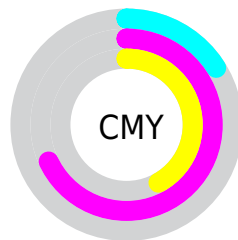
- Red (84%)
- Green (32%)
- Blue (58%)



- Red (84%)
- Yellow (32%)
- Blue (58%)



- Cyan (0%)
- Magenta (62%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (68%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3509, 0.4043, 0.2503 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 22.3509, 0.4043, 0.2503 by changing the saturation by 10% instead.


 22.3509, 0.4043,
0.2503


 22.3509, 0.4043,
0.2503


264.3733, 0.3544,
0.2920


 14.1150, 0.4182,
0.2392


 47.3253, 0.3851,
0.2660


 8.2007, 0.4370,
0.2244


 64.8325, 0.3782,
0.2717

 4.2236, 0.4637,
0.2042


 86.1990, 0.3725,
0.2765

 1.7994, 0.5042,
0.1748

 111.8090, 0.3677,
0.2806

 0.4868, 0.5794,
0.1178

 142.0471, 0.3637,
0.2840

 0.0000, 0.9745,
0.0000

177.2976, 0.3601,

 0.0000, 0.0000,

0.2871

0.0000

217.9448, 0.3571,
0.2897

■ 22.3509, 0.4043,
0.2503

■ 22.3509, 0.4043,
0.2503

■ 19.3382, 0.4272,
0.2433

■ 26.3979, 0.3833,
0.2606

■ 17.2576, 0.4512,
0.2408

■ 31.5617, 0.3648,
0.2731

■ 15.9920, 0.4751,
0.2436

■ 37.9202, 0.3488,
0.2865

■ 15.4120, 0.4932,
0.2491

■ 45.5435, 0.3353,
0.3002

■ 54.4961, 0.3239,
0.3136

64.8383, 0.3145,
0.3263

76.6263, 0.3067,
0.3383

89.9135, 0.3003,
0.3494

92.2988, 0.2946,
0.3412

Harmonies

Analogous

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



22.3509, 0.2950, 0.2035



22.3509, 0.4043, 0.2503



22.3509, 0.4931, 0.3126

Triad

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



22.3509, 0.4043, 0.2503



22.3509, 0.3962, 0.5153



22.3509, 0.1420, 0.2231

Complementary

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



22.3509, 0.4043, 0.2503



51.9274, 0.2718, 0.4325

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.



22.3509, 0.1583, 0.3065



22.3509, 0.4043, 0.2503



22.3509, 0.3006, 0.5168

Square

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



22.3509, 0.4043, 0.2503



22.3509, 0.4766, 0.4551



22.3509, 0.2131, 0.4272



22.3509, 0.1588, 0.1847

Rectangle

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



22.3509, 0.4043, 0.2503



22.3509, 0.5174, 0.3585



22.3509, 0.2131, 0.4272



22.3509, 0.1435, 0.2454

Sweetspot

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



22.3521, 0.4043, 0.2503



71.4554, 0.3317, 0.3042



16.7851, 0.2458, 0.1539



14.5147, 0.3352, 0.3003



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.



22.3521, 0.4043, 0.2503



27.4902, 0.4358, 0.2418



20.8100, 0.5070, 0.3272



12.5257, 0.3212, 0.3171



9.3348, 0.4900, 0.2473



0.5797, 0.4529, 0.2269

Inverse Universe

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



22.3521, 0.4043, 0.2503



27.4902, 0.4358, 0.2418



54.5951, 0.2389, 0.3318



12.5257, 0.3212, 0.3171



9.3348, 0.4900, 0.2473



0.5797, 0.4529, 0.2269

Previews

White Background



This preview shows how the Yxy color 22.3509, 0.4043, 0.2503 looks on a white background.

Color Contrast Check

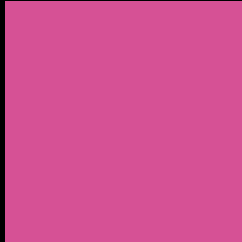
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3509, 0.4043, 0.2503 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 22.3509, 0.4043, 0.2503

Background



This preview shows how black text looks on a background with the Yxy color 22.3509, 0.4043, 0.2503.



This preview shows how white text looks on a background with the Yxy color 22.3509, 0.4043, 0.2503.

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

22.3509, 0.4043, 0.2503

Protanopia

22.7228, 0.2499, 0.2430

Deuteranopia

22.5350, 0.3093, 0.3036



Tritanopia

22.4312, 0.4706, 0.3224

Trichromacy



Original Color

22.3509, 0.4043, 0.2503



Protanomaly

21.0699, 0.2946, 0.2405



Deuteranomaly

21.3032, 0.3420, 0.2759



Tritanomaly

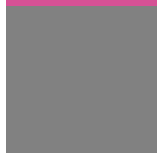
22.2780, 0.4470, 0.2959

Monochromacy



Original Color

22.3509, 0.4043, 0.2503



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.8395, 0.3455, 0.2911

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3509, 0.4043, 0.2503 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, 81, 149)` looks like.

```
.text, #text, p{  
    color:rgb(214, 81, 149)  
}
```

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, 81, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 81, 149) }
```

Border

The CSS property to change the border of an element to Yxy 22.3509, 0.4043, 0.2503 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, 81, 149) }
```

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

```
.border{ border-color:rgb(214, 81, 149) }
```

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

Here you see how a box with a 4 pixel rgb(214, 81, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 81, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 81, 149);  
box-shadow:4px 4px 4px 4px rgb(214, 81,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3509, 0.4043, 0.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 81, 149) }
```

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

```
.background{ background-color: rgb(214, 81,  
149) }
```

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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