

Converting Colors

$Y_{xy}(22.0207, 0.3984, 0.2517)$

Have a look what the booklet for
Yxy(22.0207, 0.3984, 0.2517)
contains.

Yxy(22.0341, 0.3988, 0.2525)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(22.0341, 0.3988, 0.2525)

Conversions

Conversions Part 1

Format	Color
Hex	D15494
RGB	209, 84, 148
RGB Percent	82%, 33%, 58%
CMY	0.1805, 0.6704, 0.4197
CMYK	0.00, 0.60, 0.29, 0.18
HSL	329°, 58%, 57%
HSV	329°, 60%, 82%
XYZ	34.8008, 22.0341, 30.4289
YIQ	128.6710, 53.9560, 46.4040

Conversions

Conversions Part 2

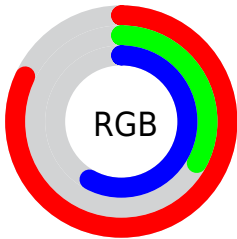
Format	Color
R _Y B	209, 84, 148
Decimal	13718676
CIE Lab	54.06, 55.70, -9.96
CIE LCh	54, 56.588, 349.862
Yxy	22.0341, 0.3988, 0.2525
Android (android.graphics.Color)	4291908756 (0xFFD15494)
YUV	128.6710, 9.5292, 70.4485
Hunter-Lab	46.9405, 50.1906, -5.5760

Details

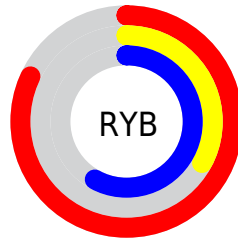
The Yxy color **22.0341, 0.3988, 0.2525** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **49.5138, 0.2726, 0.4277**, and the grayscale version is **21.7889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9895, 0.3677, 0.2646**, and **8.0552, 0.4308, 0.2279** is the 20% darker color. If you saturate the color by 10%, you get **18.9501, 0.4212, 0.2445**, and if you desaturate by 10%, it is **26.1162, 0.3785, 0.2635**.

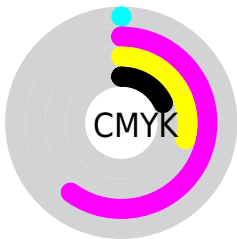
Distribution



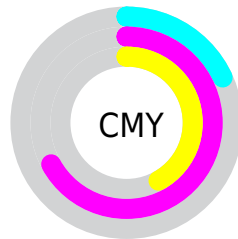
- Red (82%)
- Green (33%)
- Blue (58%)



- Red (82%)
- Yellow (33%)
- Blue (58%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0341, 0.3988, 0.2525 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 22.0341, 0.3988, 0.2525 by changing the saturation by 10% instead.


 22.0341, 0.3988,
0.2525


 22.0341, 0.3988,
0.2525


262.7243, 0.3518,
0.2932


 13.8820, 0.4120,
0.2416


 46.8024, 0.3807,
0.2679


 8.0386, 0.4298,
0.2271

 64.1872, 0.3742,
0.2735

 4.1197, 0.4553,
0.2070

 85.4185, 0.3688,
0.2781

 1.7407, 0.4941,
0.1778

 110.8806, 0.3643,
0.2821

 0.4498, 0.5693,
0.1172

140.9578, 0.3605,
0.2854

 0.0000, 1.0000,
0.0000

176.0345, 0.3572,

 0.0000, 0.0000,

0.2884

0.0000

216.4952, 0.3543,
0.2909

■ 22.0341, 0.3988,
0.2525

■ 22.0341, 0.3988,
0.2525

■ 18.9501, 0.4212,
0.2445

■ 26.1162, 0.3785,
0.2635

■ 16.7712, 0.4450,
0.2408

■ 31.2719, 0.3606,
0.2762

■ 15.3926, 0.4689,
0.2423

■ 37.5729, 0.3453,
0.2898

■ 14.6250, 0.4921,
0.2486

■ 45.0839, 0.3323,
0.3034

■ 14.6102, 0.4926,
0.2487

■ 53.8649, 0.3215,
0.3167

■ 63.9716, 0.3125,
0.3293

■ 75.4564, 0.3051,
0.3410

■ 88.3691, 0.2990,
0.3519

■ 91.3483, 0.2935,
0.3448

Harmonies

Analogous

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



22.0341, 0.2945, 0.2073



22.0341, 0.3988, 0.2525



22.0341, 0.4843, 0.3131

Triad

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



22.0341, 0.3988, 0.2525



22.0341, 0.3959, 0.5074



22.0341, 0.1477, 0.2286

Complementary

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



22.0341, 0.3988, 0.2525



49.5138, 0.2726, 0.4277

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.



22.0341, 0.1646, 0.3099



22.0341, 0.3988, 0.2525



22.0341, 0.3037, 0.5081

Square

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



22.0341, 0.3988, 0.2525



22.0341, 0.4723, 0.4509



22.0341, 0.2188, 0.4243



22.0341, 0.1635, 0.1903

Rectangle

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



22.0341, 0.3988, 0.2525



22.0341, 0.5088, 0.3577



22.0341, 0.2188, 0.4243



22.0341, 0.1495, 0.2506

Sweetspot

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



22.0352, 0.3988, 0.2525



72.7700, 0.3305, 0.3055



16.9169, 0.2492, 0.1606



14.7702, 0.3340, 0.3016



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.



22.0352, 0.3988, 0.2525



28.5478, 0.4284, 0.2429



20.5716, 0.4953, 0.3272



11.9078, 0.3212, 0.3172



9.0320, 0.4895, 0.2470



0.5210, 0.4503, 0.2254

Inverse Universe

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



22.0352, 0.3988, 0.2525



28.5478, 0.4284, 0.2429



51.9678, 0.2406, 0.3317



11.9078, 0.3212, 0.3172



9.0320, 0.4895, 0.2470



0.5210, 0.4503, 0.2254

Previews

White Background



This preview shows how the Yxy color 22.0341, 0.3988, 0.2525 looks on a white background.

Color Contrast Check

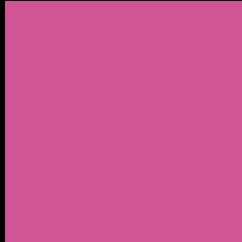
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0341, 0.3988, 0.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

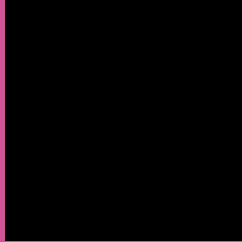
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0341, 0.3988, 0.2525

Background



This preview shows how black text looks on a background with the Yxy color 22.0341, 0.3988, 0.2525.



This preview shows how white text looks on a background with the Yxy color 22.0341, 0.3988, 0.2525.

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

22.0341, 0.3988, 0.2525

Protanopia

22.2975, 0.2527, 0.2468

Deuteranopia

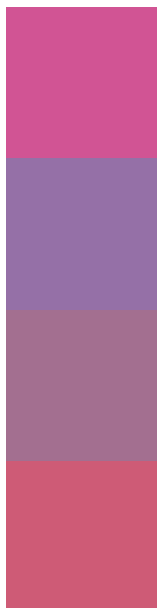
22.1931, 0.3082, 0.3018



Tritanopia

22.1031, 0.4607, 0.3220

Trichromacy



Original Color

22.0341, 0.3988, 0.2525

Protanomaly

20.7679, 0.2954, 0.2438

Deuteranomaly

21.1690, 0.3393, 0.2782

Tritanomaly

21.9120, 0.4385, 0.2960

Monochromacy



Original Color

22.0341, 0.3988, 0.2525

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

20.8569, 0.3427, 0.2924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0341, 0.3988, 0.2525 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(209, 84, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 84, 148)  
}
```

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(209, 84, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 84, 148) }
```

Border

The CSS property to change the border of an element to Yxy 22.0341, 0.3988, 0.2525 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(209, 84, 148) }
```

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

```
.border{ border-color:rgb(209, 84, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 84, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 84, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 84, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 84,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0341, 0.3988, 0.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 84, 148) }
```

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

```
.background{ background-color: rgb(209, 84,  
148) }
```

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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