

Converting Colors

$Y_{xy}(22.9031, 0.4584, 0.2879)$

Have a look what the booklet for
Yxy(22.9031, 0.4584, 0.2879)
contains.

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Color

Yxy(22.9202, 0.4583, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	DE5278
RGB	222, 82, 120
RGB Percent	87%, 32%, 47%
CMY	0.1293, 0.6785, 0.5294
CMYK	0.00, 0.63, 0.46, 0.13
HSL	344°, 68%, 60%
HSV	344°, 63%, 87%
XYZ	36.5368, 22.9202, 20.2654
YIQ	128.1920, 71.2420, 41.4980

Conversions

Conversions Part 2

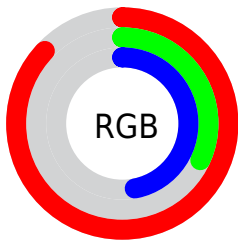
Format	Color
R_{YB}	222, 82, 120
Decimal	14570104
CIE _{Lab}	54.99, 57.56, 8.21
CIE _{LCh}	55, 58.143, 8.114
Yxy	22.9202, 0.4583, 0.2875
Android (android.graphics.Color)	4292760184 (0xFFDE5278)
YUV	128.1920, -4.0387, 82.2696
Hunter-Lab	47.8750, 52.4445, 8.4152

Details

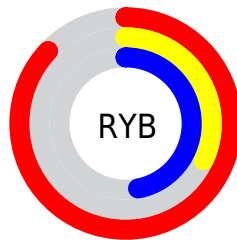
The Yxy color **22.9202, 0.4583, 0.2875** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **57.5097, 0.2547, 0.3829**, and the grayscale version is **21.6507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4155, 0.4002, 0.2938**, and **8.5198, 0.5129, 0.2688** is the 20% darker color. If you saturate the color by 10%, you get **19.7380, 0.4959, 0.2860**, and if you desaturate by 10%, it is **27.2540, 0.4238, 0.2920**.

Distribution



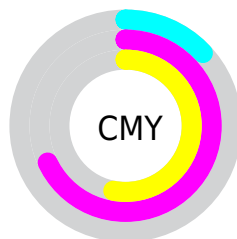
- Red (87%)
- Green (32%)
- Blue (47%)



- Red (87%)
- Yellow (32%)
- Blue (47%)



- Cyan (0%)
- Magenta (63%)
- Yellow (46%)
- Black (13%)





- Cyan (13%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9202, 0.4583, 0.2875 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 22.9202, 0.4583, 0.2875 by changing the saturation by 10% instead.


 22.9202, 0.4583,
0.2875


 22.9202, 0.4583,
0.2875


267.3149, 0.3770,
0.3123


 14.5346, 0.4816,
0.2797


 48.2623, 0.4266,
0.2976


 8.4934, 0.5132,
0.2687


 65.9875, 0.4153,
0.3011

 4.4123, 0.5584,
0.2521

 87.5948, 0.4061,
0.3038

 1.9067, 0.6265,
0.2250

 113.4684, 0.3983,
0.3061

 0.5524, 0.8096,
0.1813

143.9928, 0.3918,
0.3081

 0.0000, 1.0000,
0.0000

179.5525, 0.3861,

 0.0000, 0.0000,

0.3097

0.0000

220.5317, 0.3813,
0.3111

■ 22.9202, 0.4583,
0.2875

■ 22.9202, 0.4583,
0.2875

■ 19.7380, 0.4959,
0.2860

■ 27.2540, 0.4238,
0.2920

■ 17.5915, 0.5339,
0.2885

■ 32.8330, 0.3937,
0.2983

■ 16.3467, 0.5684,
0.2954

■ 39.7458, 0.3683,
0.3054

■ 15.8624, 0.5889,
0.3018

■ 48.0713, 0.3474,
0.3129

■ 57.8826, 0.3303,
0.3201

■ 69.2477, 0.3164,
0.3270

■ 82.2302, 0.3052,
0.3334

■ 93.9181, 0.2959,
0.3346

■ 94.2734, 0.2929,
0.3289

Harmonies

Analogous

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



22.9202, 0.3579, 0.2313



22.9202, 0.4583, 0.2875



22.9202, 0.5105, 0.3536

Triad

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



22.9202, 0.4583, 0.2875



22.9202, 0.3403, 0.5205



22.9202, 0.1519, 0.1992

Complementary

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



22.9202, 0.4583, 0.2875



57.5097, 0.2547, 0.3829

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.



22.9202, 0.1484, 0.2538



22.9202, 0.4583, 0.2875



22.9202, 0.2484, 0.4677

Square

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



22.9202, 0.4583, 0.2875



22.9202, 0.4299, 0.4907



22.9202, 0.1796, 0.3532



22.9202, 0.1874, 0.1822

Rectangle

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



22.9202, 0.4583, 0.2875



22.9202, 0.5070, 0.4004



22.9202, 0.1796, 0.3532



22.9202, 0.1472, 0.2127

Sweetspot

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



22.9214, 0.4583, 0.2875



70.8193, 0.3403, 0.3157



21.2946, 0.2774, 0.1661



14.3621, 0.3455, 0.3136



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.



22.9214, 0.4583, 0.2875



25.8293, 0.5094, 0.2864



27.8027, 0.4890, 0.3627



13.7613, 0.3250, 0.3227



9.4357, 0.5852, 0.2998



0.6688, 0.5410, 0.2754

Inverse Universe

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



22.9214, 0.4583, 0.2875



25.8293, 0.5094, 0.2864



44.6281, 0.2273, 0.2862



13.7613, 0.3250, 0.3227



9.4357, 0.5852, 0.2998



0.6688, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 22.9202, 0.4583, 0.2875 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 22.9202, 0.4583, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

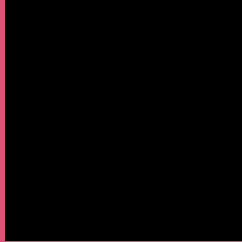
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9202, 0.4583, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 22.9202, 0.4583, 0.2875.



This preview shows how white text looks on a background with the Yxy color 22.9202, 0.4583, 0.2875.

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

22.9202, 0.4583, 0.2875

Protanopia

23.0850, 0.2951, 0.3016

Deuteranopia

23.0464, 0.3596, 0.3524



Tritanopia

22.8223, 0.4940, 0.3231

Trichromacy



Original Color

22.9202, 0.4583, 0.2875

Protanomaly

21.4029, 0.3478, 0.2917

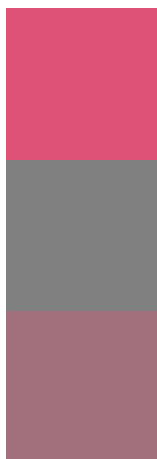
Deuteranomaly

21.9769, 0.3949, 0.3218

Tritanomaly

22.8484, 0.4817, 0.3099

Monochromacy



Original Color

22.9202, 0.4583, 0.2875

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.5309, 0.3630, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9202, 0.4583, 0.2875 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(222, 82, 120)` looks like.

```
.text, #text, p{  
    color:rgb(222, 82, 120)  
}
```

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(222, 82, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 82, 120) }
```

Border

The CSS property to change the border of an element to Yxy 22.9202, 0.4583, 0.2875 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(222, 82, 120) }
```

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

```
.border{ border-color:rgb(222, 82, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 82, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 82, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 82, 120); box-shadow:4px 4px 4px 4px rgb(222, 82, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9202, 0.4583, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 82, 120) }
```

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

```
.background{ background-color: rgb(222, 82,  
120) }
```

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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