

Converting Colors

$Y_{xy}(22.9514, 0.3986, 0.2673)$

Have a look what the booklet for
Yxy(22.9514, 0.3986, 0.2673)
contains.

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Color

Yxy(22.9677, 0.3982, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	CD5E8F
RGB	205, 94, 143
RGB Percent	80%, 37%, 56%
CMY	0.1961, 0.6314, 0.4392
CMYK	0.00, 0.54, 0.30, 0.20
HSL	334°, 53%, 59%
HSV	334°, 54%, 80%
XYZ	34.1386, 22.9677, 28.6260
YIQ	132.7750, 50.4270, 38.7710

Conversions

Conversions Part 2

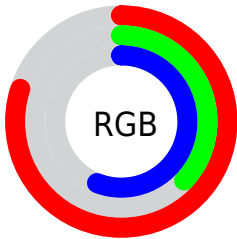
Format	Color
R _Y B	205, 94, 143
Decimal	13459087
CIE Lab	55.04, 49.22, -5.64
CIE LCh	55, 49.537, 353.459
Yxy	22.9677, 0.3982, 0.2679
Android (android.graphics.Color)	4291649167 (0xFFCD5E8F)
YUV	132.7750, 5.0409, 63.3413
Hunter-Lab	47.9246, 43.2846, -1.8675

Details

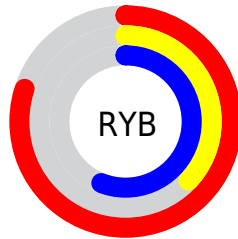
The Yxy color **22.9677, 0.3982, 0.2679** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **48.4433, 0.2704, 0.4038**, and the grayscale version is **23.3379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4710, 0.3709, 0.2784**, and **8.5373, 0.4302, 0.2463** is the 20% darker color. If you saturate the color by 10%, you get **19.4649, 0.4233, 0.2597**, and if you desaturate by 10%, it is **27.4763, 0.3760, 0.2783**.

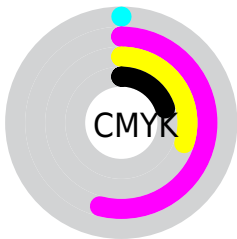
Distribution



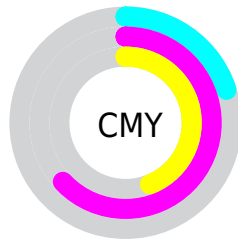
- Red (80%)
- Green (37%)
- Blue (56%)



- Red (80%)
- Yellow (37%)
- Blue (56%)



- Cyan (0%)
- Magenta (54%)
- Yellow (30%)
- Black (20%)




- Cyan (20%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9677, 0.3982, 0.2679 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 22.9677, 0.3982, 0.2679 by changing the saturation by 10% instead.


 22.9677, 0.3982,
0.2679


 22.9677, 0.3982,
0.2679

267.5591, 0.3512,
0.3009


 14.5697, 0.4115,
0.2588


 48.3403, 0.3800,
0.2805


 8.5179, 0.4297,
0.2467


 66.0836, 0.3735,
0.2850

 4.4281, 0.4557,
0.2296


 87.7108, 0.3682,
0.2888

 1.9158, 0.4961,
0.2039

 113.6063, 0.3637,
0.2920

 0.5579, 0.5716,
0.1532

144.1545, 0.3598,
0.2947

 0.0000, 1.0000,
0.0000

179.7398, 0.3566,

 0.0000, 0.0000,

0.2970

0.0000

220.7465, 0.3537,
0.2991

■ 22.9677, 0.3982,
0.2679

■ 22.9677, 0.3982,
0.2679

■ 19.4649, 0.4233,
0.2597

■ 27.4763, 0.3760,
0.2783

■ 16.8847, 0.4507,
0.2550

■ 33.0581, 0.3570,
0.2899

■ 15.1367, 0.4791,
0.2549

■ 39.7786, 0.3410,
0.3018

■ 14.1096, 0.5067,
0.2602

■ 47.6971, 0.3277,
0.3134

■ 13.7264, 0.5223,
0.2651

■ 56.8689, 0.3167,
0.3246

■ 67.3455, 0.3076,
0.3350

■ 79.1758, 0.3002,
0.3447

■ 90.4745, 0.2940,
0.3505

■ 91.1562, 0.2879,
0.3383

Harmonies

Analogous

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



22.9677, 0.3081, 0.2246



22.9677, 0.3982, 0.2679



22.9677, 0.4670, 0.3244

Triad

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



22.9677, 0.3982, 0.2679



22.9677, 0.3798, 0.4880



22.9677, 0.1657, 0.2362

Complementary

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



22.9677, 0.3982, 0.2679



48.4433, 0.2704, 0.4038

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.



22.9677, 0.1784, 0.3039



22.9677, 0.3982, 0.2679



22.9677, 0.2977, 0.4757

Square

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



22.9677, 0.3982, 0.2679



22.9677, 0.4488, 0.4470



22.9677, 0.2241, 0.3989



22.9677, 0.1835, 0.2042

Rectangle

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



22.9677, 0.3982, 0.2679



22.9677, 0.4848, 0.3655



22.9677, 0.2241, 0.3989



22.9677, 0.1664, 0.2546

Sweetspot

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



22.9689, 0.3982, 0.2679



75.2929, 0.3302, 0.3111



19.3874, 0.2645, 0.1796



15.5201, 0.3329, 0.3086



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.



22.9689, 0.3982, 0.2679



31.0707, 0.4278, 0.2586



22.8163, 0.4674, 0.3363



11.2946, 0.3222, 0.3188



8.5635, 0.5187, 0.2631



0.4570, 0.4705, 0.2365

Inverse Universe

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



22.9689, 0.3982, 0.2679



31.0707, 0.4278, 0.2586



47.8428, 0.2426, 0.3209



11.2946, 0.3222, 0.3188



8.5635, 0.5187, 0.2631



0.4570, 0.4705, 0.2365

Previews

White Background



This preview shows how the Yxy color 22.9677, 0.3982, 0.2679 looks on a white background.

Color Contrast Check

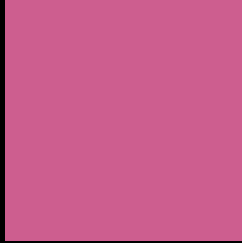
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9677, 0.3982, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

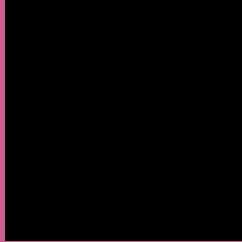
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9677, 0.3982, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 22.9677, 0.3982, 0.2679.



This preview shows how white text looks on a background with the Yxy color 22.9677, 0.3982, 0.2679.

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

22.9677, 0.3982, 0.2679

Protanopia

23.2336, 0.2695, 0.2692

Deuteranopia

23.1130, 0.3193, 0.3123



Tritanopia

22.9466, 0.4429, 0.3204

Trichromacy



Original Color

22.9677, 0.3982, 0.2679

Protanomaly

22.1978, 0.3097, 0.2666

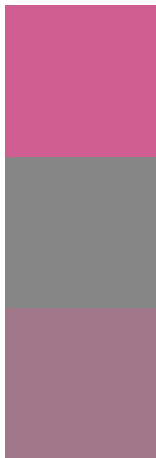
Deuteranomaly

22.4912, 0.3471, 0.2923

Tritanomaly

22.8124, 0.4267, 0.3000

Monochromacy



Original Color

22.9677, 0.3982, 0.2679

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.3707, 0.3414, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9677, 0.3982, 0.2679 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(205, 94, 143)` looks like.

```
.text, #text, p{  
    color:rgb(205, 94, 143)  
}
```

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(205, 94, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 94, 143) }
```

Border

The CSS property to change the border of an element to Yxy 22.9677, 0.3982, 0.2679 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(205, 94, 143) }
```

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

```
.border{ border-color:rgb(205, 94, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 94, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 94, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 94, 143);  
box-shadow:4px 4px 4px 4px rgb(205, 94,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9677, 0.3982, 0.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 94, 143) }
```

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

```
.background{ background-color: rgb(205, 94,  
143) }
```

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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