

Converting Colors

$Y_{xy}(19.8961, 0.4171, 0.2865)$

Have a look what the booklet for
Yxy(19.8961, 0.4171, 0.2865)
contains.

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Color

Yxy(19.9239, 0.4155, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	C05A7A
RGB	192, 90, 122
RGB Percent	75%, 35%, 48%
CMY	0.2471, 0.6470, 0.5215
CMYK	0.00, 0.53, 0.36, 0.25
HSL	341°, 45%, 55%
HSV	341°, 53%, 75%
XYZ	28.9050, 19.9239, 20.7378
YIQ	124.1460, 50.5200, 31.5760

Conversions

Conversions Part 2

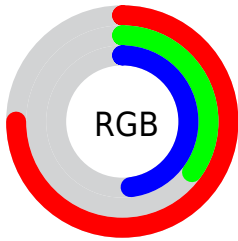
Format	Color
R_{YB}	192, 90, 122
Decimal	12606074
CIE _{Lab}	51.75, 44.21, 1.74
CIE _{LCh}	52, 44.243, 2.256
Yxy	19.9239, 0.4155, 0.2864
Android (android.graphics.Color)	4290796154 (0xFFC05A7A)
YUV	124.1460, -1.0580, 59.5080
Hunter-Lab	44.6362, 37.4775, 3.6994

Details

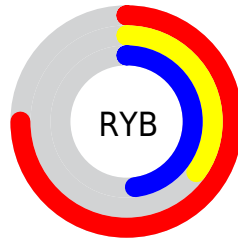
The Yxy color **19.9239, 0.4155, 0.2864** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **42.4050, 0.2633, 0.3796**, and the grayscale version is **20.1998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2101, 0.3926, 0.2963**, and **6.9684, 0.4563, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **16.7884, 0.4472, 0.2809**, and if you desaturate by 10%, it is **23.9421, 0.3879, 0.2938**.

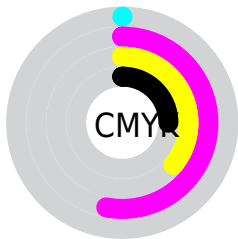
Distribution



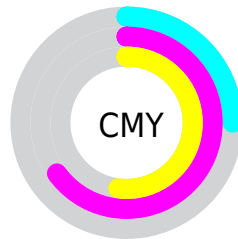
- Red (75%)
- Green (35%)
- Blue (48%)



- Red (75%)
- Yellow (35%)
- Blue (48%)



- Cyan (0%)
- Magenta (53%)
- Yellow (36%)
- Black (25%)





- Cyan (25%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9239, 0.4155, 0.2864 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 19.9239, 0.4155, 0.2864 by changing the saturation by 10% instead.


 19.9239, 0.4155,
0.2864


 19.9239, 0.4155,
0.2864


251.5028, 0.3570,
0.3109


 12.3397, 0.4330,
0.2790


 43.2896, 0.3923,
0.2962

 6.9755, 0.4574,
0.2685


 59.8398, 0.3842,
0.2996

 3.4468, 0.4938,
0.2526


 80.1476, 0.3775,
0.3024

 1.3692, 0.5529,
0.2265

 104.5973, 0.3720,
0.3047

 0.1939, 0.8253,
0.1196

133.5733, 0.3674,
0.3066

 0.0000, 1.0000,
0.0000

167.4599, 0.3634,

 0.0000, 0.0000,

0.3083

0.0000

206.6417, 0.3600,
0.3097

■ 19.9239, 0.4155,
0.2864

■ 19.9239, 0.4155,
0.2864

■ 16.7884, 0.4472,
0.2809

■ 23.9421, 0.3879,
0.2938

■ 14.4649, 0.4819,
0.2784

■ 28.9003, 0.3645,
0.3020

■ 12.8770, 0.5176,
0.2800

■ 34.8547, 0.3452,
0.3105

■ 11.9317, 0.5511,
0.2863

■ 41.8561, 0.3292,
0.3188

■ 11.5333, 0.5720,
0.2925

■ 49.9517, 0.3163,
0.3267

■ 59.1860, 0.3056,
0.3340

■ 69.6010, 0.2970,
0.3407

■ 81.2364, 0.2899,
0.3469

■ 89.0505, 0.2835,
0.3444

Harmonies

Analogous

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



19.9239, 0.3334, 0.2405



19.9239, 0.4155, 0.2864



19.9239, 0.4677, 0.3427

Triad

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



19.9239, 0.4155, 0.2864



19.9239, 0.3548, 0.4808



19.9239, 0.1752, 0.2296

Complementary

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



19.9239, 0.4155, 0.2864



42.4050, 0.2633, 0.3796

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.



19.9239, 0.1789, 0.2840



19.9239, 0.4155, 0.2864



19.9239, 0.2773, 0.4493

Square

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



19.9239, 0.4155, 0.2864



19.9239, 0.4253, 0.4556



19.9239, 0.2136, 0.3678



19.9239, 0.2008, 0.2075

Rectangle

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



19.9239, 0.4155, 0.2864



19.9239, 0.4744, 0.3825



19.9239, 0.2136, 0.3678



19.9239, 0.1732, 0.2440

Sweetspot

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



19.9249, 0.4155, 0.2864



71.6560, 0.3339, 0.3162



18.5623, 0.2812, 0.1891



14.8011, 0.3371, 0.3145



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.9249, 0.4155, 0.2864



29.5096, 0.4536, 0.2801



22.8185, 0.4507, 0.3544



10.1288, 0.3241, 0.3218



7.7746, 0.5687, 0.2906



0.3486, 0.5039, 0.2550

Inverse Universe

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



19.9249, 0.4155, 0.2864



29.5096, 0.4536, 0.2801



35.9784, 0.2394, 0.2998



10.1288, 0.3241, 0.3218



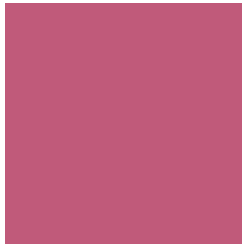
7.7746, 0.5687, 0.2906



0.3486, 0.5039, 0.2550

Previews

White Background



This preview shows how the Yxy color 19.9239, 0.4155, 0.2864 looks on a white background.

Color Contrast Check

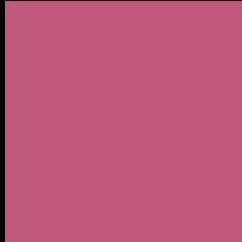
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9239, 0.4155, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

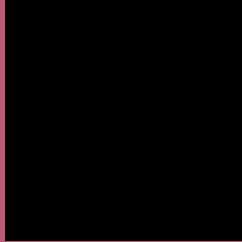
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9239, 0.4155, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 19.9239, 0.4155, 0.2864.



This preview shows how white text looks on a background with the Yxy color 19.9239, 0.4155, 0.2864.

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

19.9239, 0.4155, 0.2864

Protanopia

20.1839, 0.2899, 0.2948

Deuteranopia

20.1206, 0.3392, 0.3344



Tritanopia

19.8921, 0.4437, 0.3199

Trichromacy



Original Color

19.9239, 0.4155, 0.2864

Protanomaly

19.3212, 0.3302, 0.2888

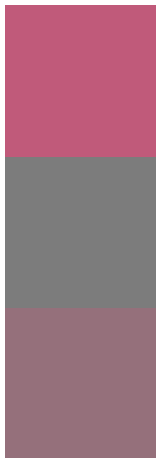
Deuteranomaly

19.5383, 0.3667, 0.3128

Tritanomaly

20.0092, 0.4331, 0.3078

Monochromacy



Original Color

19.9239, 0.4155, 0.2864

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.4080, 0.3482, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9239, 0.4155, 0.2864 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(192, 90, 122)` looks like.

```
.text, #text, p{  
  color:rgb(192, 90, 122)  
}
```

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(192, 90, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 90, 122) }
```

Border

The CSS property to change the border of an element to Yxy 19.9239, 0.4155, 0.2864 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(192, 90, 122) }
```

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

```
.border{ border-color:rgb(192, 90, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 90, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 90, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 90, 122);  
box-shadow:4px 4px 4px 4px rgb(192, 90,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9239, 0.4155, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 90, 122) }
```

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

```
.background{ background-color: rgb(192, 90,  
122) }
```

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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