

Converting Colors

$Y_{xy}(20.6119, 0.3994, 0.2622)$

Have a look what the booklet for
Yxy(20.6119, 0.3994, 0.2622)
contains.

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Color

Yxy(20.6618, 0.3995, 0.2617)

Conversions

Conversions Part 1

Format	Color
Hex	C7568B
RGB	199, 86, 139
RGB Percent	78%, 34%, 55%
CMY	0.2196, 0.6627, 0.4549
CMYK	0.00, 0.57, 0.30, 0.22
HSL	332°, 50%, 56%
HSV	332°, 57%, 78%
XYZ	31.5414, 20.6618, 26.7490
YIQ	125.8290, 50.3350, 40.4390

Conversions

Conversions Part 2

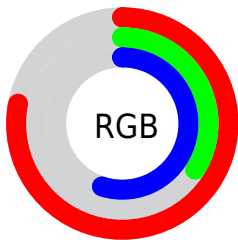
Format	Color
R_{YB}	199, 86, 139
Decimal	13063819
CIE Lab	52.58, 50.57, -7.02
CIE LCh	53, 51.059, 352.094
Yxy	20.6618, 0.3995, 0.2617
Android (android.graphics.Color)	4291253899 (0xFFC7568B)
YUV	125.8290, 6.4933, 64.1710
Hunter-Lab	45.4553, 44.3145, -3.0717

Details

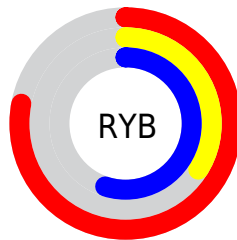
The Yxy color **20.6618, 0.3995, 0.2617** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **44.9029, 0.2710, 0.4132**, and the grayscale version is **20.7684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8219, 0.3779, 0.2754**, and **7.3508, 0.4334, 0.2378** is the 20% darker color. If you saturate the color by 10%, you get **17.6210, 0.4237, 0.2536**, and if you desaturate by 10%, it is **24.6191, 0.3779, 0.2723**.

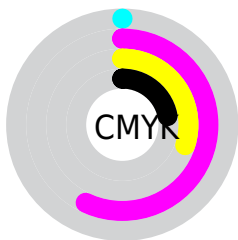
Distribution



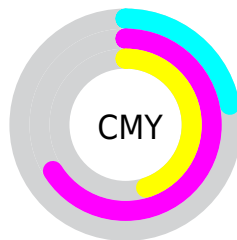
- Red (78%)
- Green (34%)
- Blue (55%)



- Red (78%)
- Yellow (34%)
- Blue (55%)



- Cyan (0%)
- Magenta (57%)
- Yellow (30%)
- Black (22%)




- Cyan (22%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.6618, 0.3995, 0.2617 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 20.6618, 0.3995, 0.2617 by changing the saturation by 10% instead.


 20.6618, 0.3995,
0.2617


 20.6618, 0.3995,
0.2617


255.4756, 0.3512,
0.2983


 12.8770, 0.4134,
0.2515


 44.5240, 0.3806,
0.2757

 7.3439, 0.4325,
0.2378


 61.3702, 0.3740,
0.2808

 3.6781, 0.4603,
0.2184


 82.0056, 0.3685,
0.2850

 1.4952, 0.5041,
0.1890

 106.8148, 0.3639,
0.2885

 0.2853, 0.6094,
0.1025

136.1819, 0.3600,
0.2915

 0.0000, 1.0000,
0.0000

170.4915, 0.3567,

 0.0000, 0.0000,

0.2941

0.0000

210.1280, 0.3538,
0.2963

■ 20.6618, 0.3995,
0.2617

■ 20.6618, 0.3995,
0.2617

■ 17.6210, 0.4237,
0.2536

■ 24.6191, 0.3779,
0.2723

■ 15.4172, 0.4497,
0.2494

■ 29.5573, 0.3592,
0.2843

■ 13.9625, 0.4763,
0.2500

■ 35.5386, 0.3434,
0.2969

■ 13.1394, 0.5020,
0.2560

■ 42.6193, 0.3301,
0.3093

■ 12.9386, 0.5102,
0.2584

■ 50.8514, 0.3191,
0.3213

■ 60.2837, 0.3100,
0.3325

■ 70.9621, 0.3025,
0.3430

■ 82.9302, 0.2963,
0.3527

■ 89.6094, 0.2908,
0.3513

Harmonies

Analogous

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



20.6618, 0.3031, 0.2174



20.6618, 0.3995, 0.2617



20.6618, 0.4750, 0.3201

Triad

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



20.6618, 0.3995, 0.2617



20.6618, 0.3862, 0.4970



20.6618, 0.1578, 0.2324

Complementary

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



20.6618, 0.3995, 0.2617



44.9029, 0.2710, 0.4132

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.



20.6618, 0.1721, 0.3055



20.6618, 0.3995, 0.2617



20.6618, 0.2996, 0.4892

Square

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



20.6618, 0.3995, 0.2617



20.6618, 0.4586, 0.4497



20.6618, 0.2212, 0.4086



20.6618, 0.1750, 0.1979

Rectangle

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



20.6618, 0.3995, 0.2617



20.6618, 0.4953, 0.3629



20.6618, 0.2212, 0.4086



20.6618, 0.1589, 0.2522

Sweetspot

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



20.6628, 0.3995, 0.2617



73.9971, 0.3307, 0.3087



16.7443, 0.2575, 0.1711



15.2672, 0.3332, 0.3062



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.



20.6628, 0.3995, 0.2617



29.8756, 0.4293, 0.2523



19.7757, 0.4818, 0.3318



10.7183, 0.3217, 0.3182



8.3369, 0.5070, 0.2567



0.4094, 0.4582, 0.2298

Inverse Universe

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



20.6628, 0.3995, 0.2617



29.8756, 0.4293, 0.2523



46.0895, 0.2415, 0.3260



10.7183, 0.3217, 0.3182



8.3369, 0.5070, 0.2567



0.4094, 0.4582, 0.2298

Previews

White Background



This preview shows how the Yxy color 20.6618, 0.3995, 0.2617 looks on a white background.

Color Contrast Check

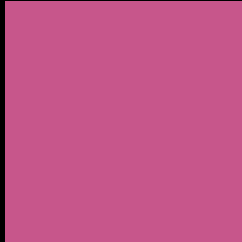
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6618, 0.3995, 0.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

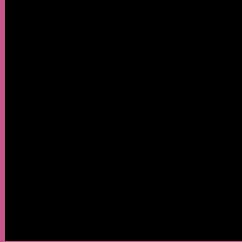
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.6618, 0.3995, 0.2617

Background



This preview shows how black text looks on a background with the Yxy color 20.6618, 0.3995, 0.2617.



This preview shows how white text looks on a background with the Yxy color 20.6618, 0.3995, 0.2617.

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

20.6618, 0.3995, 0.2617

Protanopia

21.0287, 0.2624, 0.2604

Deuteranopia

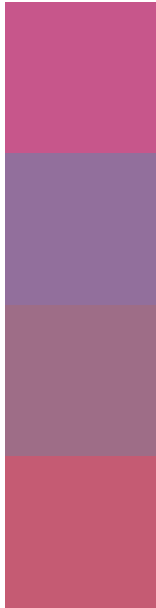
20.7634, 0.3161, 0.3098



Tritanopia

20.6808, 0.4510, 0.3203

Trichromacy



Original Color

20.6618, 0.3995, 0.2617

Protanomaly

19.8802, 0.3039, 0.2566

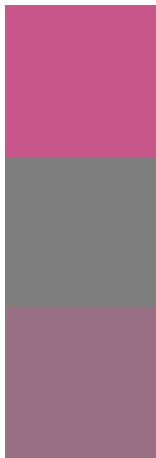
Deuteranomaly

19.9556, 0.3449, 0.2875

Tritanomaly

20.5903, 0.4323, 0.2981

Monochromacy



Original Color

20.6618, 0.3995, 0.2617

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.7799, 0.3432, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6618, 0.3995, 0.2617 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(199, 86, 139)` looks like.

```
.text, #text, p{  
  color:rgb(199, 86, 139)  
}
```

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(199, 86, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 86, 139) }
```

Border

The CSS property to change the border of an element to Yxy 20.6618, 0.3995, 0.2617 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(199, 86, 139) }
```

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

```
.border{ border-color:rgb(199, 86, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 86, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 86, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 86, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 86,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6618, 0.3995, 0.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 86, 139) }
```

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

```
.background{ background-color: rgb(199, 86,  
139) }
```

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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