

Converting Colors

$Yxy(19.8703, 0.4137, 0.2496)$

Have a look what the booklet for
Yxy(19.8703, 0.4137, 0.2496)
contains.

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Color

Yxy(19.9381, 0.4137, 0.2495)

Conversions

Conversions Part 1

Format	Color
Hex	D0488C
RGB	208, 72, 140
RGB Percent	82%, 28%, 55%
CMY	0.1844, 0.7175, 0.4510
CMYK	0.00, 0.65, 0.33, 0.18
HSL	330°, 59%, 55%
HSV	330°, 65%, 82%
XYZ	33.0597, 19.9381, 26.9144
YIQ	120.4160, 59.2280, 49.9800

Conversions

Conversions Part 2

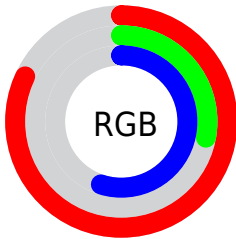
Format	Color
R_{YB}	208, 72, 140
Decimal	13650060
CIE _{Lab}	51.77, 59.53, -8.68
CIE _{LCh}	52, 60.163, 351.707
Yxy	19.9381, 0.4137, 0.2495
Android (android.graphics.Color)	4291840140 (0xFFD0488C)
YUV	120.4160, 9.6549, 76.8112
Hunter-Lab	44.6521, 54.0173, -4.4811

Details

The Yxy color **19.9381, 0.4137, 0.2495** 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 **48.3767, 0.2701, 0.4362**, and the grayscale version is **18.8800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5934, 0.3785, 0.2618**, and **7.1277, 0.4497, 0.2251** is the 20% darker color. If you saturate the color by 10%, you get **17.3961, 0.4377, 0.2440**, and if you desaturate by 10%, it is **23.4205, 0.3915, 0.2587**.

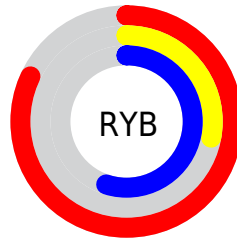
Distribution



Red (82%)

Green (28%)

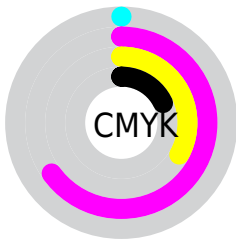
Blue (55%)



Red (82%)

Yellow (28%)

Blue (55%)

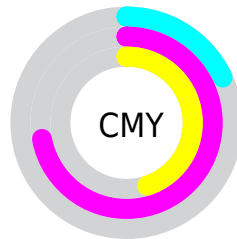


Cyan (0%)

Magenta (65%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (72%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9381, 0.4137, 0.2495 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 19.9381, 0.4137, 0.2495 by changing the saturation by 10% instead.


 19.9381, 0.4137,
0.2495


 19.9381, 0.4137,
0.2495

251.5798, 0.3576,
0.2925


 12.3501, 0.4298,
0.2377


 43.3134, 0.3918,
0.2659


 6.9826, 0.4518,
0.2219


 59.8694, 0.3841,
0.2718

 3.4512, 0.4837,
0.1998

 80.1835, 0.3777,
0.2767

 1.3716, 0.5331,
0.1671

 104.6402, 0.3724,
0.2809

 0.1956, 0.6538,
0.0667

 133.6238, 0.3678,
0.2844

 0.0000, 1.0000,
0.0000

167.5186, 0.3639,

 0.0000, 0.0000,

0.2875

0.0000

206.7092, 0.3606,
0.2901

■ 19.9381, 0.4137,
0.2495

■ 19.9381, 0.4137,
0.2495

■ 17.3961, 0.4377,
0.2440

■ 23.4205, 0.3915,
0.2587

■ 15.6946, 0.4625,
0.2434

■ 27.9237, 0.3717,
0.2703

■ 14.7163, 0.4867,
0.2481

■ 33.5227, 0.3545,
0.2832

■ 14.4065, 0.4976,
0.2515

■ 40.2848, 0.3399,
0.2966

■ 48.2717, 0.3276,
0.3098

■ 57.5407, 0.3174,
0.3225

■ 68.1456, 0.3090,
0.3344

■ 80.1371, 0.3020,
0.3455

■ 90.8453, 0.2962,
0.3515

Harmonies

Analogous

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



19.9381, 0.2986, 0.2004



19.9381, 0.4137, 0.2495



19.9381, 0.5046, 0.3140

Triad

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



19.9381, 0.4137, 0.2495



19.9381, 0.3936, 0.5252



19.9381, 0.1358, 0.2153

Complementary

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



19.9381, 0.4137, 0.2495



48.3767, 0.2701, 0.4362

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.



19.9381, 0.1505, 0.2994



19.9381, 0.4137, 0.2495



19.9381, 0.2942, 0.5253

Square

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



19.9381, 0.4137, 0.2495



19.9381, 0.4791, 0.4616



19.9381, 0.2047, 0.4267



19.9381, 0.1547, 0.1781

Rectangle

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



19.9381, 0.4137, 0.2495



19.9381, 0.5272, 0.3611



19.9381, 0.2047, 0.4267



19.9381, 0.1368, 0.2375

Sweetspot

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



19.9391, 0.4137, 0.2495



70.1306, 0.3333, 0.3034



14.7675, 0.2439, 0.1469



14.2557, 0.3369, 0.2996



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.



19.9391, 0.4137, 0.2495



26.4825, 0.4465, 0.2432



18.5141, 0.5252, 0.3296



11.9054, 0.3213, 0.3174



9.0000, 0.4945, 0.2498



0.5192, 0.4542, 0.2276

Inverse Universe

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



19.9391, 0.4137, 0.2495



26.4825, 0.4465, 0.2432



51.0360, 0.2358, 0.3288



11.9054, 0.3213, 0.3174



9.0000, 0.4945, 0.2498



0.5192, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 19.9381, 0.4137, 0.2495 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 19.9381, 0.4137, 0.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

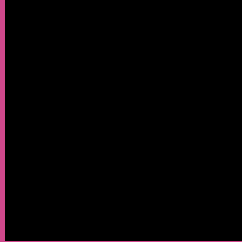
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9381, 0.4137, 0.2495

Background



This preview shows how black text looks on a background with the Yxy color 19.9381, 0.4137, 0.2495.



This preview shows how white text looks on a background with the Yxy color 19.9381, 0.4137, 0.2495.

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

19.9381, 0.4137, 0.2495

Protanopia

20.1632, 0.2481, 0.2406

Deuteranopia

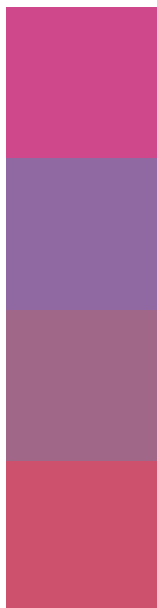
20.0319, 0.3126, 0.3059



Tritanopia

19.9162, 0.4843, 0.3224

Trichromacy



Original Color

19.9381, 0.4137, 0.2495

Protanomaly

18.4386, 0.2947, 0.2366

Deuteranomaly

18.9517, 0.3476, 0.2769

Tritanomaly

19.7992, 0.4594, 0.2958

Monochromacy



Original Color

19.9381, 0.4137, 0.2495

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.9082, 0.3492, 0.2892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9381, 0.4137, 0.2495 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(208, 72, 140)` looks like.

```
.text, #text, p{  
    color:rgb(208, 72, 140)  
}
```

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(208, 72, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 72, 140) }
```

Border

The CSS property to change the border of an element to Yxy 19.9381, 0.4137, 0.2495 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(208, 72, 140) }
```

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

```
.border{ border-color:rgb(208, 72, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 72, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 72, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 72, 140);  
box-shadow:4px 4px 4px 4px rgb(208, 72,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9381, 0.4137, 0.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 72, 140) }
```

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

```
.background{ background-color: rgb(208, 72,  
140) }
```

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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