

Converting Colors

$Y_{xy}(21.2077, 0.3840, 0.2537)$

Have a look what the booklet for
Yxy(21.2077, 0.3840, 0.2537)
contains.

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Color

Yxy(21.2886, 0.3838, 0.2537)

Conversions

Conversions Part 1

Format	Color
Hex	C65994
RGB	198, 89, 148
RGB Percent	78%, 35%, 58%
CMY	0.2235, 0.6510, 0.4197
CMYK	0.00, 0.55, 0.25, 0.22
HSL	328°, 49%, 56%
HSV	328°, 55%, 78%
XYZ	32.2056, 21.2886, 30.4183
YIQ	128.3170, 46.0250, 41.4570

Conversions

Conversions Part 2

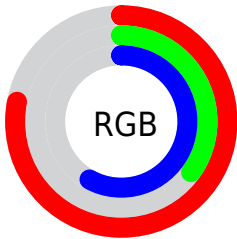
Format	Color
R_{YB}	198, 89, 148
Decimal	12999060
CIE _{Lab}	53.26, 50.03, -11.32
CIE _{LCh}	53, 51.293, 347.246
Yxy	21.2886, 0.3838, 0.2537
Android (android.graphics.Color)	4291189140 (0xFFC65994)
YUV	128.3170, 9.7037, 61.1120
Hunter-Lab	46.1396, 43.8495, -6.7902

Details

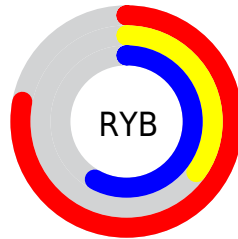
The Yxy color **21.2886, 0.3838, 0.2537** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **44.3796, 0.2764, 0.4233**, and the grayscale version is **21.6565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1692, 0.3669, 0.2685**, and **7.6698, 0.4100, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **18.1489, 0.4036, 0.2435**, and if you desaturate by 10%, it is **25.3391, 0.3660, 0.2663**.

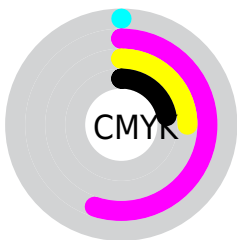
Distribution



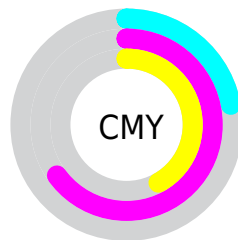
- Red (78%)
- Green (35%)
- Blue (58%)



- Red (78%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (22%)





- Cyan (22%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2886, 0.3838, 0.2537 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 21.2886, 0.3838, 0.2537 by changing the saturation by 10% instead.


 21.2886, 0.3838,
0.2537


 21.2886, 0.3838,
0.2537


258.8083, 0.3449,
0.2939


 13.3351, 0.3947,
0.2428


 45.5674, 0.3688,
0.2689


 7.6597, 0.4095,
0.2284


 62.6614, 0.3634,
0.2744

 3.8780, 0.4307,
0.2084

 83.5711, 0.3590,
0.2790

 1.6055, 0.4634,
0.1790

 108.6809, 0.3553,
0.2829

 0.3613, 0.5339,
0.1077

138.3751, 0.3521,
0.2862

 0.0000, 1.0000,
0.0000

173.0381, 0.3494,

 0.0000, 0.0000,

0.2891

0.0000

213.0544, 0.3470,
0.2916

■ 21.2886, 0.3838,
0.2537

■ 21.2886, 0.3838,
0.2537

■ 18.1489, 0.4036,
0.2435

■ 25.3391, 0.3660,
0.2663

■ 15.8435, 0.4250,
0.2369

■ 30.3626, 0.3506,
0.2802

■ 14.2885, 0.4471,
0.2351

■ 36.4191, 0.3373,
0.2946

■ 13.3807, 0.4688,
0.2385

■ 43.5633, 0.3262,
0.3088

■ 13.0705, 0.4795,
0.2415

■ 51.8457, 0.3168,
0.3224

■ 61.3137, 0.3091,
0.3353

■ 72.0120, 0.3026,
0.3472

■ 83.9829, 0.2973,
0.3583

■ 89.2267, 0.2925,
0.3561

Harmonies

Analogous

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



21.2886, 0.2886, 0.2126



21.2886, 0.3838, 0.2537



21.2886, 0.4652, 0.3103

Triad

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



21.2886, 0.3838, 0.2537



21.2886, 0.3991, 0.4912



21.2886, 0.1585, 0.2419

Complementary

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



21.2886, 0.3838, 0.2537



44.3796, 0.2764, 0.4233

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.



21.2886, 0.1782, 0.3210



21.2886, 0.3838, 0.2537



21.2886, 0.3138, 0.4947

Square

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



21.2886, 0.3838, 0.2537



21.2886, 0.4669, 0.4393



21.2886, 0.2327, 0.4245



21.2886, 0.1707, 0.2017

Rectangle

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



21.2886, 0.3838, 0.2537



21.2886, 0.4921, 0.3524



21.2886, 0.2327, 0.4245



21.2886, 0.1614, 0.2639

Sweetspot

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



21.2897, 0.3838, 0.2537



74.1763, 0.3285, 0.3057



16.6314, 0.2520, 0.1728



15.3095, 0.3307, 0.3028



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.



21.2897, 0.3838, 0.2537



31.2323, 0.4077, 0.2419



19.9687, 0.4669, 0.3226



10.7313, 0.3207, 0.3166



8.5171, 0.4768, 0.2400



0.4178, 0.4357, 0.2174

Inverse Universe

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



21.2897, 0.3838, 0.2537



31.2323, 0.4077, 0.2419



46.3449, 0.2463, 0.3368



10.7313, 0.3207, 0.3166



8.5171, 0.4768, 0.2400



0.4178, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 21.2886, 0.3838, 0.2537 looks on a white background.

Color Contrast Check

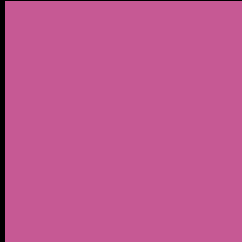
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2886, 0.3838, 0.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

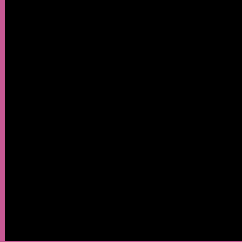
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2886, 0.3838, 0.2537

Background



This preview shows how black text looks on a background with the Yxy color 21.2886, 0.3838, 0.2537.



This preview shows how white text looks on a background with the Yxy color 21.2886, 0.3838, 0.2537.

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

21.2886, 0.3838, 0.2537

Protanopia

21.5551, 0.2544, 0.2488

Deuteranopia

21.3548, 0.3036, 0.2979



Tritanopia

21.2246, 0.4398, 0.3201

Trichromacy



Original Color

21.2886, 0.3838, 0.2537



Protanomaly

20.5466, 0.2930, 0.2470



Deuteranomaly

20.5506, 0.3317, 0.2769



Tritanomaly

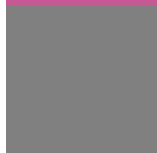
21.1670, 0.4185, 0.2948

Monochromacy



Original Color

21.2886, 0.3838, 0.2537



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

20.5562, 0.3374, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2886, 0.3838, 0.2537 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(198, 89, 148)` looks like.

```
.text, #text, p{  
    color:rgb(198, 89, 148)  
}
```

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(198, 89, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 89, 148) }
```

Border

The CSS property to change the border of an element to Yxy 21.2886, 0.3838, 0.2537 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(198, 89, 148) }
```

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

```
.border{ border-color:rgb(198, 89, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 89, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 89, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 89, 148);  
box-shadow:4px 4px 4px 4px rgb(198, 89,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2886, 0.3838, 0.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 89, 148) }
```

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

```
.background{ background-color: rgb(198, 89,  
148) }
```

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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