

Converting Colors

$Y_{xy}(20.9977, 0.3817, 0.2569)$

Have a look what the booklet for
Yxy(20.9977, 0.3817, 0.2569)
contains.

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Color

Yxy(21.0268, 0.3811, 0.2570)

Conversions

Conversions Part 1

Format	Color
Hex	C25B92
RGB	194, 91, 146
RGB Percent	76%, 36%, 57%
CMY	0.2392, 0.6432, 0.4274
CMYK	0.00, 0.53, 0.25, 0.24
HSL	328°, 46%, 56%
HSV	328°, 53%, 76%
XYZ	31.1802, 21.0268, 29.6093
YIQ	128.0670, 43.7330, 38.9410

Conversions

Conversions Part 2

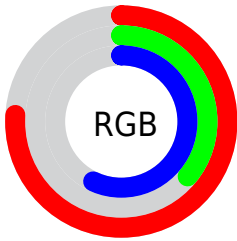
Format	Color
RYB	194, 91, 146
Decimal	12737426
CIELab	52.98, 47.52, -10.65
CIElCh	53, 48.695, 347.372
Yxy	21.0268, 0.3811, 0.2570
Android (android.graphics.Color)	4290927506 (0xFFC25B92)
YUV	128.0670, 8.8410, 57.8232
Hunter-Lab	45.8550, 41.1292, -6.1861

Details

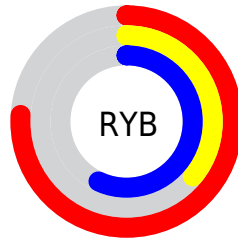
The Yxy color **21.0268, 0.3811, 0.2570** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **42.6782, 0.2768, 0.4179**, and the grayscale version is **21.5683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3036, 0.3666, 0.2720**, and **7.5526, 0.4083, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **17.8585, 0.4009, 0.2464**, and if you desaturate by 10%, it is **25.0768, 0.3635, 0.2698**.

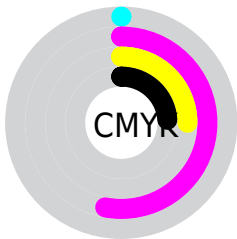
Distribution



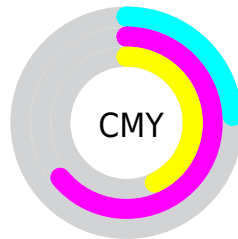
- Red (76%)
- Green (36%)
- Blue (57%)



- Red (76%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (53%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0268, 0.3811, 0.2570 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 21.0268, 0.3811, 0.2570 by changing the saturation by 10% instead.


 21.0268, 0.3811,
0.2570


 21.0268, 0.3811,
0.2570


257.4209, 0.3436,
0.2956


 13.1436, 0.3917,
0.2465


 45.1321, 0.3666,
0.2717

 7.5275, 0.4062,
0.2324


 62.1230, 0.3614,
0.2770

 3.7941, 0.4270,
0.2128

 82.9187, 0.3571,
0.2814

 1.5591, 0.4593,
0.1837

 107.9034, 0.3535,
0.2851

 0.3298, 0.5332,
0.1069

137.4615, 0.3505,
0.2883

 0.0000, 1.0000,
0.0000

171.9776, 0.3479,

 0.0000, 0.0000,

0.2911

0.0000

211.8359, 0.3456,
0.2935

■ 21.0268, 0.3811,
0.2570

■ 21.0268, 0.3811,
0.2570

■ 17.8585, 0.4009,
0.2464

■ 25.0768, 0.3635,
0.2698

■ 15.5007, 0.4224,
0.2391

■ 30.0661, 0.3483,
0.2836

■ 13.8762, 0.4448,
0.2364

■ 36.0512, 0.3353,
0.2978

■ 12.8913, 0.4671,
0.2389

■ 43.0831, 0.3243,
0.3117

■ 12.4624, 0.4822,
0.2430

■ 51.2094, 0.3152,
0.3250

■ 60.4746, 0.3076,
0.3375

■ 70.9208, 0.3014,
0.3492

■ 82.5880, 0.2962,
0.3599

■ 88.5584, 0.2915,
0.3589

Harmonies

Analogous

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



21.0268, 0.2903, 0.2171



21.0268, 0.3811, 0.2570



21.0268, 0.4584, 0.3119

Triad

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



21.0268, 0.3811, 0.2570



21.0268, 0.3962, 0.4845



21.0268, 0.1642, 0.2459

Complementary

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



21.0268, 0.3811, 0.2570



42.6782, 0.2768, 0.4179

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.



21.0268, 0.1836, 0.3216



21.0268, 0.3811, 0.2570



21.0268, 0.3143, 0.4860

Square

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



21.0268, 0.3811, 0.2570



21.0268, 0.4608, 0.4363



21.0268, 0.2363, 0.4192



21.0268, 0.1761, 0.2067

Rectangle

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



21.0268, 0.3811, 0.2570



21.0268, 0.4841, 0.3529



21.0268, 0.2363, 0.4192



21.0268, 0.1671, 0.2670

Sweetspot

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



21.0278, 0.3811, 0.2570



73.8145, 0.3276, 0.3074



16.7252, 0.2549, 0.1787



15.5716, 0.3298, 0.3045



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.



21.0278, 0.3811, 0.2570



31.4218, 0.4049, 0.2447



19.7997, 0.4582, 0.3227



10.1658, 0.3207, 0.3168



8.2090, 0.4795, 0.2415



0.3685, 0.4348, 0.2169

Inverse Universe

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



21.0278, 0.3811, 0.2570



31.4218, 0.4049, 0.2447



44.4821, 0.2480, 0.3365



10.1658, 0.3207, 0.3168



8.2090, 0.4795, 0.2415



0.3685, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 21.0268, 0.3811, 0.2570 looks on a white background.

Color Contrast Check

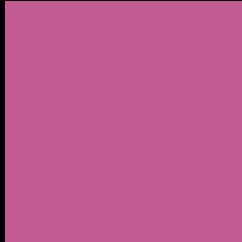
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0268, 0.3811, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

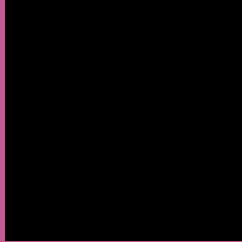
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0268, 0.3811, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 21.0268, 0.3811, 0.2570.



This preview shows how white text looks on a background with the Yxy color 21.0268, 0.3811, 0.2570.

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

21.0268, 0.3811, 0.2570

Protanopia

21.2143, 0.2583, 0.2530

Deuteranopia

21.3249, 0.3047, 0.2996



Tritanopia

20.9114, 0.4328, 0.3198

Trichromacy



Original Color

21.0268, 0.3811, 0.2570

Protanomaly

20.3128, 0.2960, 0.2522

Deuteranomaly

20.5401, 0.3303, 0.2795

Tritanomaly

20.8226, 0.4130, 0.2953

Monochromacy



Original Color

21.0268, 0.3811, 0.2570

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.6861, 0.3359, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0268, 0.3811, 0.2570 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(194, 91, 146)` looks like.

```
.text, #text, p{  
    color:rgb(194, 91, 146)  
}
```

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(194, 91, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 91, 146) }
```

Border

The CSS property to change the border of an element to Yxy 21.0268, 0.3811, 0.2570 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(194, 91, 146) }
```

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

```
.border{ border-color:rgb(194, 91, 146) }
```

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

Here you see how a box with a 4 pixel rgb(194, 91, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 91, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 91, 146);  
box-shadow:4px 4px 4px 4px rgb(194, 91,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0268, 0.3811, 0.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 91, 146) }
```

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

```
.background{ background-color: rgb(194, 91,  
146) }
```

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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