

Converting Colors

$Y_{xy}(21.0814, 0.3971, 0.2805)$

Have a look what the booklet for
Yxy(21.0814, 0.3971, 0.2805)
contains.

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Color

Yxy(21.1081, 0.3963, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	BF6084
RGB	191, 96, 132
RGB Percent	75%, 38%, 52%
CMY	0.2510, 0.6235, 0.4823
CMYK	0.00, 0.50, 0.31, 0.25
HSL	337°, 43%, 56%
HSV	337°, 50%, 75%
XYZ	29.8329, 21.1081, 24.3375
YIQ	128.5090, 45.0640, 31.3360

Conversions

Conversions Part 2

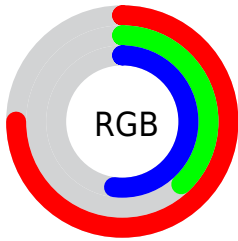
Format	Color
R_{YB}	191, 96, 132
Decimal	12542084
CIE _{Lab}	53.07, 42.09, -2.29
CIE _{LCh}	53, 42.156, 356.880
Yxy	21.1081, 0.3963, 0.2804
Android (android.graphics.Color)	4290732164 (0xFFBF6084)
YUV	128.5090, 1.7211, 54.8046
Hunter-Lab	45.9436, 35.5056, 0.7530

Details

The Yxy color **21.1081, 0.3963, 0.2804** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **42.1112, 0.2693, 0.3861**, and the grayscale version is **21.7560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3217, 0.3783, 0.2909**, and **7.5768, 0.4291, 0.2611** is the 20% darker color. If you saturate the color by 10%, you get **17.7304, 0.4232, 0.2726**, and if you desaturate by 10%, it is **25.3714, 0.3730, 0.2898**.

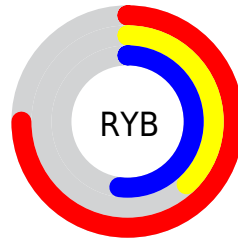
Distribution



Red (75%)

Green (38%)

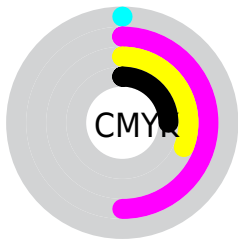
Blue (52%)



Red (75%)

Yellow (38%)

Blue (52%)

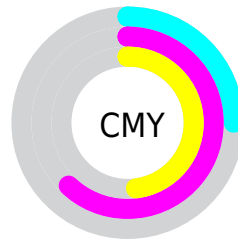


Cyan (0%)

Magenta (50%)

Yellow (31%)

Black (25%)



Cyan (25%)


Magenta (62%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1081, 0.3963, 0.2804 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 21.1081, 0.3963, 0.2804 by changing the saturation by 10% instead.


 21.1081, 0.3963,
0.2804


 21.1081, 0.3963,
0.2804


257.8524, 0.3494,
0.3074


 13.2030, 0.4100,
0.2726


 45.2674, 0.3778,
0.2909


 7.5685, 0.4291,
0.2619


 62.2904, 0.3714,
0.2947

 3.8201, 0.4572,
0.2463

 83.1215, 0.3660,
0.2978

 1.5735, 0.5023,
0.2216

 108.1451, 0.3616,
0.3003

 0.3396, 0.6266,
0.1458

137.7456, 0.3578,
0.3025

 0.0000, 1.0000,
0.0000

172.3074, 0.3546,

 0.0000, 0.0000,

0.3044

0.0000

212.2149, 0.3518,
0.3060

■ 21.1081, 0.3963,
0.2804

■ 21.1081, 0.3963,
0.2804

■ 17.7304, 0.4232,
0.2726

■ 25.3714, 0.3730,
0.2898

■ 15.1715, 0.4532,
0.2675

■ 30.5743, 0.3533,
0.3000

■ 13.3601, 0.4851,
0.2663


■ 36.7704, 0.3370,
0.3101

■ 12.2113, 0.5167,
0.2702


■ 44.0081, 0.3235,
0.3200


■ 11.5638, 0.5461,
0.2784

■ 52.3329, 0.3124,
0.3292

 11.5484, 0.5468,
0.2786

 61.7874, 0.3034,
0.3379

 72.4118, 0.2959,
0.3458

 84.2445, 0.2898,
0.3531

 88.8122, 0.2839,
0.3464

Harmonies

Analogous

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



21.1081, 0.3182, 0.2392



21.1081, 0.3963, 0.2804



21.1081, 0.4522, 0.3330

Triad

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



21.1081, 0.3963, 0.2804



21.1081, 0.3662, 0.4699



21.1081, 0.1812, 0.2428

Complementary

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



21.1081, 0.3963, 0.2804



42.1112, 0.2693, 0.3861

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.



21.1081, 0.1901, 0.3000



21.1081, 0.3963, 0.2804



21.1081, 0.2929, 0.4500

Square

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



21.1081, 0.3963, 0.2804



21.1081, 0.4291, 0.4411



21.1081, 0.2289, 0.3804



21.1081, 0.2006, 0.2161

Rectangle

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



21.1081, 0.3963, 0.2804



21.1081, 0.4648, 0.3706



21.1081, 0.2289, 0.3804



21.1081, 0.1810, 0.2584

Sweetspot

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



21.1092, 0.3963, 0.2804



71.4522, 0.3306, 0.3146



19.0559, 0.2768, 0.1952



15.0968, 0.3336, 0.3125



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.



21.1092, 0.3963, 0.2804



31.1235, 0.4267, 0.2718



22.4543, 0.4427, 0.3444



9.5946, 0.3230, 0.3203



7.6048, 0.5433, 0.2767



0.3107, 0.4782, 0.2408

Inverse Universe

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



21.1092, 0.3963, 0.2804



31.1235, 0.4267, 0.2718



38.8548, 0.2451, 0.3119



9.5946, 0.3230, 0.3203



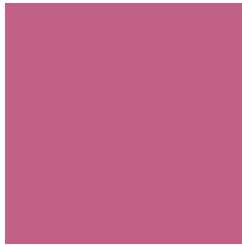
7.6048, 0.5433, 0.2767



0.3107, 0.4782, 0.2408

Previews

White Background



This preview shows how the Yxy color 21.1081, 0.3963, 0.2804 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 21.1081, 0.3963, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

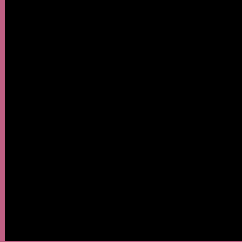
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1081, 0.3963, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 21.1081, 0.3963, 0.2804.



This preview shows how white text looks on a background with the Yxy color 21.1081, 0.3963, 0.2804.

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

21.1081, 0.3963, 0.2804

Protanopia

21.2936, 0.2823, 0.2853

Deuteranopia

21.2134, 0.3266, 0.3204



Tritanopia

21.2089, 0.4273, 0.3197

Trichromacy



Original Color

21.1081, 0.3963, 0.2804

Protanomaly

20.4781, 0.3187, 0.2813

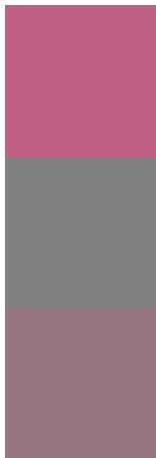
Deuteranomaly

20.6643, 0.3518, 0.3033

Tritanomaly

21.1552, 0.4162, 0.3046

Monochromacy



Original Color

21.1081, 0.3963, 0.2804

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.0097, 0.3418, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1081, 0.3963, 0.2804 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(191, 96, 132)` looks like.

```
.text, #text, p{  
  color:rgb(191, 96, 132)  
}
```

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(191, 96, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 96, 132) }
```

Border

The CSS property to change the border of an element to Yxy 21.1081, 0.3963, 0.2804 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(191, 96, 132) }
```

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

```
.border{ border-color:rgb(191, 96, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 96, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 96, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 96, 132);  
box-shadow:4px 4px 4px 4px rgb(191, 96,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1081, 0.3963, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 96, 132) }
```

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

```
.background{ background-color: rgb(191, 96,  
132) }
```

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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