

Converting Colors

$Y_{xy}(20.3687, 0.3888, 0.2825)$

Have a look what the booklet for
Yxy(20.3687, 0.3888, 0.2825)
contains.

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Color

Yxy(20.3514, 0.3899, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	B86182
RGB	184, 97, 130
RGB Percent	72%, 38%, 51%
CMY	0.2785, 0.6196, 0.4902
CMYK	0.00, 0.47, 0.29, 0.28
HSL	337°, 38%, 55%
HSV	337°, 47%, 72%
XYZ	28.0687, 20.3514, 23.5693
YIQ	126.7750, 41.2590, 28.7070

Conversions

Conversions Part 2

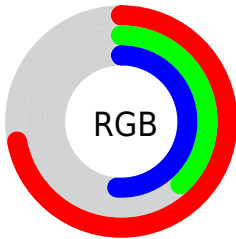
Format	Color
R_{YB}	184, 97, 130
Decimal	12083586
CIE _{Lab}	52.23, 38.86, -2.44
CIE _{LCh}	52, 38.937, 356.401
Yxy	20.3514, 0.3899, 0.2827
Android (android.graphics.Color)	4290273666 (0xFFB86182)
YUV	126.7750, 1.5899, 50.1863
Hunter-Lab	45.1125, 32.1144, 0.6023

Details

The Yxy color **20.3514, 0.3899, 0.2827** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.0512, 0.2710, 0.3826**, and the grayscale version is **21.1273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1088, 0.3725, 0.2930**, and **7.1373, 0.4199, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **17.0472, 0.4158, 0.2744**, and if you desaturate by 10%, it is **24.4801, 0.3676, 0.2924**.

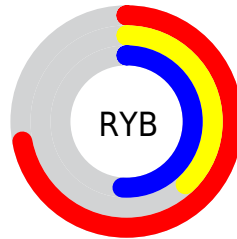
Distribution



Red (72%)

Green (38%)

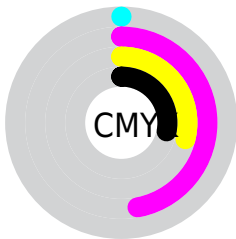
Blue (51%)



Red (72%)

Yellow (38%)

Blue (51%)

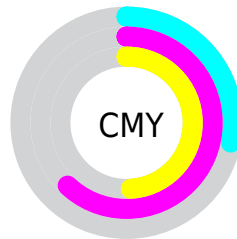


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (28%)



Cyan (28%)


Magenta (62%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3514, 0.3899, 0.2827 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 20.3514, 0.3899, 0.2827 by changing the saturation by 10% instead.


 20.3514, 0.3899,
0.2827

 20.3514, 0.3899,
0.2827


253.8111, 0.3463,
0.3086


 12.6507, 0.4028,
0.2752

 44.0056, 0.3727,
0.2928


 7.1885, 0.4208,
0.2648


 60.7278, 0.3666,
0.2964

 3.5803, 0.4475,
0.2495

 81.2261, 0.3617,
0.2994

 1.4417, 0.4912,
0.2250

 105.8848, 0.3576,
0.3018

 0.2471, 0.6419,
0.1288

135.0882, 0.3541,
0.3039

 0.0000, 1.0000,
0.0000

169.2208, 0.3512,

 0.0000, 0.0000,

0.3057

0.0000

208.6670, 0.3486,
0.3072

■ 20.3514, 0.3899,
0.2827

■ 20.3514, 0.3899,
0.2827

■ 17.0472, 0.4158,
0.2744

■ 24.4801, 0.3676,
0.2924

■ 14.5081, 0.4450,
0.2684

■ 29.4814, 0.3489,
0.3025

■ 12.6715, 0.4765,
0.2661


■ 35.4031, 0.3334,
0.3126


■ 11.4634, 0.5082,
0.2686


■ 42.2887, 0.3206,
0.3223


■ 10.7774, 0.5382,
0.2760

■ 50.1790, 0.3101,
0.3314

 10.6281, 0.5461,
0.2782

 59.1123, 0.3014,
0.3399

 69.1250, 0.2944,
0.3476

 80.2516, 0.2885,
0.3547

 87.5792, 0.2832,
0.3533

Harmonies

Analogous

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



20.3514, 0.3170, 0.2437



20.3514, 0.3899, 0.2827



20.3514, 0.4426, 0.3327

Triad

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



20.3514, 0.3899, 0.2827



20.3514, 0.3649, 0.4605



20.3514, 0.1883, 0.2489

Complementary

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



20.3514, 0.3899, 0.2827



39.0512, 0.2710, 0.3826

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.



20.3514, 0.1975, 0.3035



20.3514, 0.3899, 0.2827



20.3514, 0.2958, 0.4419

Square

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



20.3514, 0.3899, 0.2827



20.3514, 0.4234, 0.4345



20.3514, 0.2350, 0.3783



20.3514, 0.2064, 0.2227

Rectangle

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



20.3514, 0.3899, 0.2827



20.3514, 0.4552, 0.3685



20.3514, 0.2350, 0.3783



20.3514, 0.1883, 0.2640

Sweetspot

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



20.3524, 0.3899, 0.2827



67.7915, 0.3292, 0.3156



18.5576, 0.2793, 0.2023



14.0622, 0.3321, 0.3135



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.3524, 0.3899, 0.2827



30.5506, 0.4177, 0.2739



21.6009, 0.4327, 0.3437



9.0671, 0.3230, 0.3204



7.3389, 0.5429, 0.2765



0.2709, 0.4728, 0.2378

Inverse Universe

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



20.3524, 0.3899, 0.2827



30.5506, 0.4177, 0.2739



36.2121, 0.2479, 0.3129



9.0671, 0.3230, 0.3204



7.3389, 0.5429, 0.2765



0.2709, 0.4728, 0.2378

Previews

White Background



This preview shows how the Yxy color 20.3514, 0.3899, 0.2827 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 20.3514, 0.3899, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

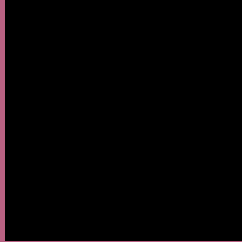
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3514, 0.3899, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 20.3514, 0.3899, 0.2827.



This preview shows how white text looks on a background with the Yxy color 20.3514, 0.3899, 0.2827.

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

20.3514, 0.3899, 0.2827

Protanopia

20.5868, 0.2849, 0.2881

Deuteranopia

20.4995, 0.3268, 0.3202



Tritanopia

20.3352, 0.4184, 0.3193

Trichromacy



Original Color

20.3514, 0.3899, 0.2827

Protanomaly

19.8870, 0.3186, 0.2838

Deuteranomaly

19.9907, 0.3495, 0.3044

Tritanomaly

20.4426, 0.4083, 0.3064

Monochromacy



Original Color

20.3514, 0.3899, 0.2827

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.3452, 0.3394, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3514, 0.3899, 0.2827 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(184, 97, 130)` looks like.

```
.text, #text, p{  
    color:rgb(184, 97, 130)  
}
```

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(184, 97, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 97, 130) }
```

Border

The CSS property to change the border of an element to Yxy 20.3514, 0.3899, 0.2827 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(184, 97, 130) }
```

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

```
.border{ border-color:rgb(184, 97, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 97, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 97, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 97, 130);  
box-shadow:4px 4px 4px 4px rgb(184, 97,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3514, 0.3899, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 97, 130) }
```

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

```
.background{ background-color: rgb(184, 97,  
130) }
```

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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