

Converting Colors

$Y_{xy}(24.0835, 0.3513, 0.2670)$

Have a look what the booklet for
Yxy(24.0835, 0.3513, 0.2670)
contains.

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Color

Yxy(24.0835, 0.3513, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	B96F9C
RGB	185, 111, 156
RGB Percent	73%, 44%, 61%
CMY	0.2746, 0.5646, 0.3882
CMYK	0.00, 0.40, 0.16, 0.27
HSL	324°, 35%, 58%
HSV	324°, 40%, 73%
XYZ	31.6874, 24.0835, 34.4295
YIQ	138.2560, 29.6590, 29.6830

Conversions

Conversions Part 2

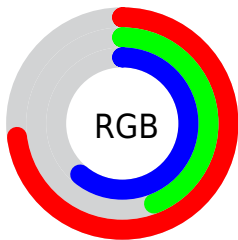
Format	Color
R_{YB}	185, 111, 156
Decimal	12152732
CIE _{Lab}	56.17, 35.62, -11.82
CIE _{LCh}	56, 37.527, 341.637
Yxy	24.0835, 0.3513, 0.2670
Android (android.graphics.Color)	4290342812 (0xFFB96F9C)
YUV	138.2560, 8.7478, 40.9945
Hunter-Lab	49.0749, 29.3752, -7.2436

Details

The Yxy color $24.0835, 0.3513, 0.2670$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $39.9604, 0.2875, 0.4012$, and the grayscale version is $25.4771, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1313, 0.3428, 0.2788$, and $9.1032, 0.3634, 0.2464$ is the 20% darker color. If you saturate the color by 10%, you get $20.2182, 0.3651, 0.2521$, and if you desaturate by 10%, it is $28.8015, 0.3392, 0.2828$.

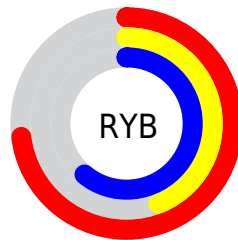
Distribution



Red (73%)

Green (44%)

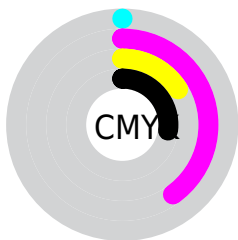
Blue (61%)



Red (73%)

Yellow (44%)

Blue (61%)

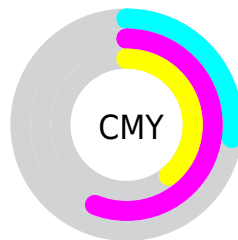


Cyan (0%)

Magenta (40%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0835, 0.3513, 0.2670 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 24.0835, 0.3513, 0.2670 by changing the saturation by 10% instead.


 24.0835, 0.3513,
0.2670


 24.0835, 0.3513,
0.2670


273.2424, 0.3307,
0.2997

 15.3956, 0.3569,
0.2582


 50.1664, 0.3435,
0.2793

 9.0975, 0.3644,
0.2466


 68.3302, 0.3407,
0.2838

 4.8048, 0.3749,
0.2306


 90.4214, 0.3383,
0.2876

 2.1332, 0.3906,
0.2070

 116.8244, 0.3363,
0.2908

 0.6832, 0.4181,
0.1664

147.9236, 0.3346,
0.2935

 0.0000, 0.5611,
0.0000

184.1034, 0.3331,

 0.0000, 0.0000,

0.2958

0.0000

225.7482, 0.3318,
0.2979

■ 24.0835, 0.3513,
0.2670

■ 24.0835, 0.3513,
0.2670

■ 20.2182, 0.3651,
0.2521

■ 28.8015, 0.3392,
0.2828

■ 17.1501, 0.3806,
0.2391

■ 34.4166, 0.3289,
0.2987

■ 14.8222, 0.3975,
0.2291

■ 40.9741, 0.3201,
0.3142


■ 13.1685, 0.4152,
0.2232

■ 48.5153, 0.3127,
0.3290


■ 12.1112, 0.4331,
0.2222


■ 57.0790, 0.3065,
0.3430

 11.4929, 0.4507,
0.2256

 66.7018, 0.3014,
0.3559

 11.4917, 0.4507,
0.2256

 77.4187, 0.2971,
0.3679

 86.6846, 0.2935,
0.3747

 87.0632, 0.2897,
0.3664

Harmonies

Analogous

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



24.0835, 0.2851, 0.2380



24.0835, 0.3513, 0.2670



24.0835, 0.4113, 0.3095

Triad

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



24.0835, 0.3513, 0.2670



24.0835, 0.3900, 0.4418



24.0835, 0.1989, 0.2778

Complementary

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



24.0835, 0.3513, 0.2670



39.9604, 0.2875, 0.4012

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.



24.0835, 0.2208, 0.3388



24.0835, 0.3513, 0.2670



24.0835, 0.3294, 0.4453

Square

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



24.0835, 0.3513, 0.2670



24.0835, 0.4323, 0.4067



24.0835, 0.2675, 0.4054



24.0835, 0.2033, 0.2402

Rectangle

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



24.0835, 0.3513, 0.2670



24.0835, 0.4359, 0.3420



24.0835, 0.2675, 0.4054



24.0835, 0.2033, 0.2960

Sweetspot

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



24.0846, 0.3513, 0.2670



70.6549, 0.3219, 0.3108



20.3960, 0.2674, 0.2169



14.8955, 0.3230, 0.3088



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.



24.0846, 0.3513, 0.2670



36.9730, 0.3634, 0.2538



23.0320, 0.3999, 0.3170



9.1015, 0.3196, 0.3152



7.8421, 0.4486, 0.2245



0.2882, 0.4075, 0.2019

Inverse Universe

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



24.0846, 0.3513, 0.2670



36.9730, 0.3634, 0.2538



41.2153, 0.2636, 0.3420



9.1015, 0.3196, 0.3152



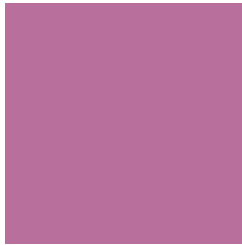
7.8421, 0.4486, 0.2245



0.2882, 0.4075, 0.2019

Previews

White Background



This preview shows how the Yxy color 24.0835, 0.3513, 0.2670 looks on a white background.

Color Contrast Check

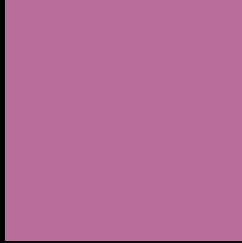
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0835, 0.3513, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

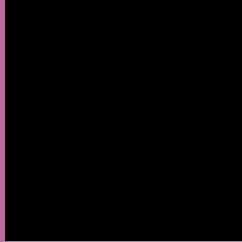
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0835, 0.3513, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 24.0835, 0.3513, 0.2670.



This preview shows how white text looks on a background with the Yxy color 24.0835, 0.3513, 0.2670.

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

24.0835, 0.3513, 0.2670

Protanopia

24.4261, 0.2694, 0.2688

Deuteranopia

24.3450, 0.3010, 0.2962



Tritanopia

24.1740, 0.3848, 0.3162

Trichromacy



Original Color

24.0835, 0.3513, 0.2670

Protanomaly

23.8779, 0.2945, 0.2666

Deuteranomaly

23.7831, 0.3183, 0.2839

Tritanomaly

24.1349, 0.3723, 0.2978

Monochromacy



Original Color

24.0835, 0.3513, 0.2670

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4512, 0.3256, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0835, 0.3513, 0.2670 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(185, 111, 156)` looks like.

```
.text, #text, p{  
    color:rgb(185, 111, 156)  
}
```

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(185, 111, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 111, 156) }
```

Border

The CSS property to change the border of an element to Yxy 24.0835, 0.3513, 0.2670 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(185, 111, 156) }
```

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

```
.border{ border-color:rgb(185, 111, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 111, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 111, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 111, 156);  
box-shadow:4px 4px 4px 4px rgb(185, 111,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0835, 0.3513, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 111, 156) }
```

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

```
.background{ background-color: rgb(185,  
111, 156) }
```

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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