

Converting Colors

$Y_{xy}(24.8432, 0.3388, 0.2631)$

Have a look what the booklet for
Yxy(24.8432, 0.3388, 0.2631)
contains.

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Color

Yxy(24.8509, 0.3385, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	B673A3
RGB	182, 115, 163
RGB Percent	71%, 45%, 64%
CMY	0.2862, 0.5490, 0.3609
CMYK	0.00, 0.37, 0.10, 0.29
HSL	317°, 31%, 58%
HSV	317°, 37%, 71%
XYZ	32.0336, 24.8509, 37.7495
YIQ	140.5050, 24.5240, 29.1320

Conversions

Conversions Part 2

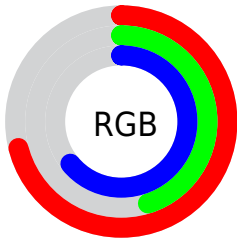
Format	Color
RYB	182, 115, 163
Decimal	11957155
CIELab	56.93, 33.60, -14.76
CIELCh	57, 36.703, 336.287
Yxy	24.8509, 0.3385, 0.2626
Android (android.graphics.Color)	4290147235 (0xFFB673A3)
YUV	140.5050, 11.0900, 36.3911
Hunter-Lab	49.8507, 27.4639, -10.0020

Details

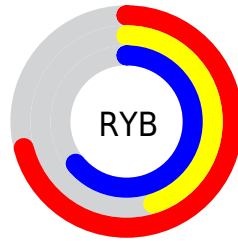
The Yxy color **24.8509, 0.3385, 0.2626** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.8280, 0.2943, 0.4065**, and the grayscale version is **26.3816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4179, 0.3335, 0.2755**, and **9.5175, 0.3473, 0.2420** is the 20% darker color. If you saturate the color by 10%, you get **20.9212, 0.3480, 0.2451**, and if you desaturate by 10%, it is **29.6099, 0.3301, 0.2809**.

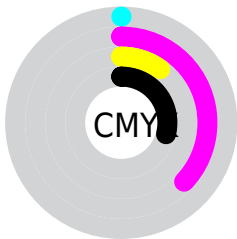
Distribution



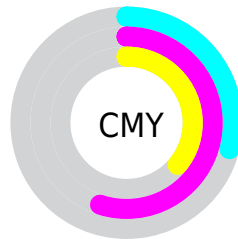
- Red (71%)
- Green (45%)
- Blue (64%)



- Red (71%)
- Yellow (45%)
- Blue (64%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (29%)





- Cyan (29%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8509, 0.3385, 0.2626 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 24.8509, 0.3385, 0.2626 by changing the saturation by 10% instead.


 24.8509, 0.3385,
0.2626


 24.8509, 0.3385,
0.2626


277.0946, 0.3252,
0.2973


 15.9660, 0.3420,
0.2534


 51.4152, 0.3335,
0.2756

 9.5001, 0.3465,
0.2414


 69.8635, 0.3317,
0.2804

 5.0688, 0.3526,
0.2249


 92.2683, 0.3302,
0.2843

 2.2877, 0.3613,
0.2010

119.0140, 0.3289,
0.2877

 0.7672, 0.3749,
0.1628

150.4852, 0.3278,
0.2906

 0.0000, 0.4290,
0.0000

187.0660, 0.3268,

 0.0000, 0.0000,

0.2932

0.0000

229.1410, 0.3259,
0.2954

■ 24.8509, 0.3385,
0.2626

■ 24.8509, 0.3385,
0.2626

■ 20.9212, 0.3480,
0.2451

■ 29.6099, 0.3301,
0.2809

■ 17.7690, 0.3585,
0.2293

■ 35.2395, 0.3228,
0.2993

■ 15.3416, 0.3697,
0.2162

■ 41.7822, 0.3165,
0.3172


■ 13.5786, 0.3815,
0.2069


■ 49.2767, 0.3111,
0.3343

■ 12.4097, 0.3933,
0.2021


■ 57.7594, 0.3066,
0.3504

 11.7374, 0.4048,
0.2020

 67.2651, 0.3028,
0.3654

 11.5669, 0.4085,
0.2024

 77.8264, 0.2996,
0.3792

 85.8423, 0.2969,
0.3862

 86.0950, 0.2942,
0.3802

Harmonies

Analogous

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



24.8509, 0.2756, 0.2373



24.8509, 0.3385, 0.2626



24.8509, 0.3993, 0.3022

Triad

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



24.8509, 0.3385, 0.2626



24.8509, 0.3969, 0.4340



24.8509, 0.2040, 0.2888

Complementary

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



24.8509, 0.3385, 0.2626



38.8280, 0.2943, 0.4065

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.



24.8509, 0.2301, 0.3505



24.8509, 0.3385, 0.2626



24.8509, 0.3402, 0.4437

Square

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



24.8509, 0.3385, 0.2626



24.8509, 0.4330, 0.3970



24.8509, 0.2791, 0.4122



24.8509, 0.2037, 0.2476

Rectangle

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



24.8509, 0.3385, 0.2626



24.8509, 0.4271, 0.3333



24.8509, 0.2791, 0.4122



24.8509, 0.2099, 0.3077

Sweetspot

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



24.8520, 0.3385, 0.2626



70.3491, 0.3191, 0.3095



20.7070, 0.2650, 0.2249



15.1849, 0.3199, 0.3071



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.



24.8520, 0.3385, 0.2626



39.2821, 0.3459, 0.2486



23.8072, 0.3810, 0.3083



9.1181, 0.3180, 0.3128



8.1791, 0.4073, 0.2017



0.2984, 0.3803, 0.1868

Inverse Universe

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



24.8520, 0.3385, 0.2626



39.2821, 0.3459, 0.2486



39.9142, 0.2713, 0.3513



9.1181, 0.3180, 0.3128



8.1791, 0.4073, 0.2017



0.2984, 0.3803, 0.1868

Previews

White Background



This preview shows how the Yxy color 24.8509, 0.3385, 0.2626 looks on a white background.

Color Contrast Check

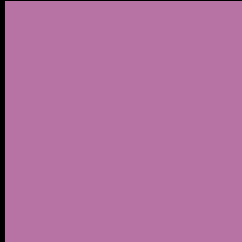
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8509, 0.3385, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

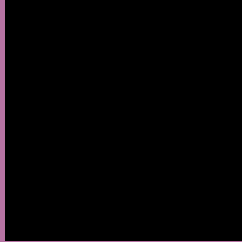
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8509, 0.3385, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 24.8509, 0.3385, 0.2626.



This preview shows how white text looks on a background with the Yxy color 24.8509, 0.3385, 0.2626.

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

24.8509, 0.3385, 0.2626

Protanopia

24.9379, 0.2647, 0.2619

Deuteranopia

25.0772, 0.2921, 0.2871



Tritanopia

24.7514, 0.3731, 0.3160

Trichromacy



Original Color

24.8509, 0.3385, 0.2626

Protanomaly

24.5279, 0.2878, 0.2612

Deuteranomaly

24.7205, 0.3084, 0.2768

Tritanomaly

24.7304, 0.3598, 0.2959

Monochromacy



Original Color

24.8509, 0.3385, 0.2626

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7404, 0.3219, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8509, 0.3385, 0.2626 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(182, 115, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 115, 163)  
}
```

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(182, 115, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 115, 163) }
```

Border

The CSS property to change the border of an element to Yxy 24.8509, 0.3385, 0.2626 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(182, 115, 163) }
```

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

```
.border{ border-color:rgb(182, 115, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 115, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 115, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 115, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 115,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8509, 0.3385, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 115, 163) }
```

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

```
.background{ background-color: rgb(182,  
115, 163) }
```

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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