

Converting Colors

$Y_{xy}(25.3719, 0.3495, 0.2685)$

Have a look what the booklet for
Yxy(25.3719, 0.3495, 0.2685)
contains.

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Color

Yxy(25.4560, 0.3504, 0.2692)

Conversions

Conversions Part 1

Format	Color
Hex	BC739F
RGB	188, 115, 159
RGB Percent	74%, 45%, 62%
CMY	0.2626, 0.5491, 0.3764
CMYK	0.00, 0.39, 0.15, 0.26
HSL	324°, 35%, 59%
HSV	324°, 39%, 74%
XYZ	33.1344, 25.4560, 35.9713
YIQ	141.8430, 29.3840, 29.1600

Conversions

Conversions Part 2

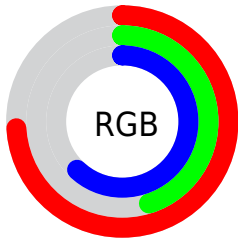
Format	Color
R_{YB}	188, 115, 159
Decimal	12350367
CIE _{Lab}	57.52, 35.01, -11.51
CIE _{LCh}	58, 36.856, 341.809
Yxy	25.4560, 0.3504, 0.2692
Android (android.graphics.Color)	4290540447 (0xFFBC739F)
YUV	141.8430, 8.4584, 40.4797
Hunter-Lab	50.4539, 28.9312, -6.9532

Details

The Yxy color **25.4560, 0.3504, 0.2692** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.6388, 0.2878, 0.3982**, and the grayscale version is **26.9426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2728, 0.3422, 0.2804**, and **9.8498, 0.3617, 0.2496** is the 20% darker color. If you saturate the color by 10%, you get **21.3464, 0.3643, 0.2543**, and if you desaturate by 10%, it is **30.4582, 0.3383, 0.2849**.

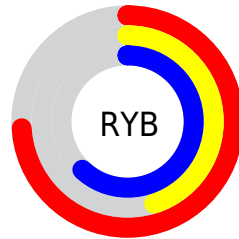
Distribution



Red (74%)

Green (45%)

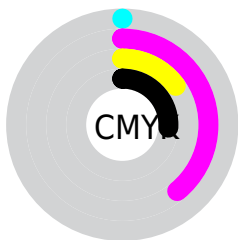
Blue (62%)



Red (74%)

Yellow (45%)

Blue (62%)

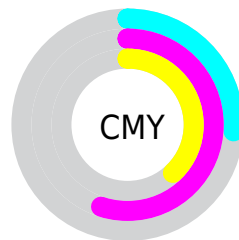


Cyan (0%)

Magenta (39%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4560, 0.3504, 0.2692 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 25.4560, 0.3504, 0.2692 by changing the saturation by 10% instead.


 25.4560, 0.3504,
0.2692


 25.4560, 0.3504,
0.2692


280.1013, 0.3304,
0.3006


 16.4171, 0.3558,
0.2609


 52.3960, 0.3429,
0.2810

 9.8198, 0.3630,
0.2499


 71.0660, 0.3401,
0.2853

 5.2796, 0.3729,
0.2348


 93.7150, 0.3378,
0.2889

 2.4123, 0.3878,
0.2128

120.7276, 0.3359,
0.2919

 0.8322, 0.4121,
0.1778

152.4882, 0.3342,
0.2945

 0.0000, 0.5402,
0.0000

189.3810, 0.3328,

 0.0000, 0.0000,

0.2968

0.0000

231.7906, 0.3315,
0.2988

■ 25.4560, 0.3504,
0.2692

■ 25.4560, 0.3504,
0.2692

■ 21.3464, 0.3643,
0.2543

■ 30.4582, 0.3383,
0.2849

■ 18.0721, 0.3799,
0.2412

■ 36.3988, 0.3280,
0.3007

■ 15.5746, 0.3969,
0.2309


■ 43.3246, 0.3193,
0.3160

■ 13.7861, 0.4149,
0.2246

■ 51.2782, 0.3119,
0.3306


■ 12.6273, 0.4331,
0.2232


■ 60.2998, 0.3058,
0.3443


 11.9617, 0.4511,
0.2265

 70.4273, 0.3007,
0.3571

 11.8952, 0.4531,
0.2270

 81.6969, 0.2965,
0.3688

 87.3186, 0.2927,
0.3690

 87.7206, 0.2888,
0.3605

Harmonies

Analogous

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



25.4560, 0.2865, 0.2409



25.4560, 0.3504, 0.2692



25.4560, 0.4080, 0.3106

Triad

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



25.4560, 0.3504, 0.2692



25.4560, 0.3873, 0.4381



25.4560, 0.2024, 0.2796

Complementary

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



25.4560, 0.3504, 0.2692



41.6388, 0.2878, 0.3982

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.



25.4560, 0.2237, 0.3382



25.4560, 0.3504, 0.2692



25.4560, 0.3288, 0.4407

Square

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



25.4560, 0.3504, 0.2692



25.4560, 0.4282, 0.4048



25.4560, 0.2689, 0.4020



25.4560, 0.2068, 0.2431

Rectangle

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



25.4560, 0.3504, 0.2692



25.4560, 0.4316, 0.3422



25.4560, 0.2689, 0.4020



25.4560, 0.2067, 0.2971

Sweetspot

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



25.4572, 0.3504, 0.2692



74.0841, 0.3220, 0.3110



21.7288, 0.2690, 0.2202



15.5753, 0.3231, 0.3090



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.4572, 0.3504, 0.2692



39.4011, 0.3627, 0.2559



24.3965, 0.3965, 0.3173



9.6303, 0.3197, 0.3153



8.1105, 0.4510, 0.2258



0.3303, 0.4120, 0.2043

Inverse Universe

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



25.4572, 0.3504, 0.2692



39.4011, 0.3627, 0.2559



42.9003, 0.2647, 0.3416



9.6303, 0.3197, 0.3153



8.1105, 0.4510, 0.2258



0.3303, 0.4120, 0.2043

Previews

White Background



This preview shows how the Yxy color 25.4560, 0.3504, 0.2692 looks on a white background.

Color Contrast Check

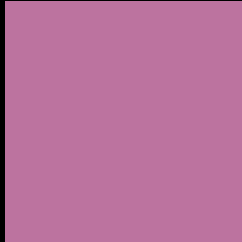
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4560, 0.3504, 0.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

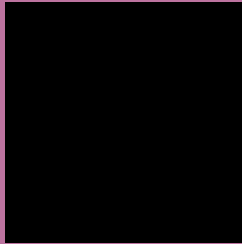
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4560, 0.3504, 0.2692

Background



This preview shows how black text looks on a background with the Yxy color 25.4560, 0.3504, 0.2692.



This preview shows how white text looks on a background with the Yxy color 25.4560, 0.3504, 0.2692.

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

25.4560, 0.3504, 0.2692

Protanopia

25.6931, 0.2711, 0.2701

Deuteranopia

25.6238, 0.3023, 0.2970



Tritanopia

25.6007, 0.3816, 0.3164

Trichromacy



Original Color

25.4560, 0.3504, 0.2692

Protanomaly

25.1444, 0.2960, 0.2679

Deuteranomaly

25.3122, 0.3193, 0.2864

Tritanomaly

25.5558, 0.3695, 0.2983

Monochromacy



Original Color

25.4560, 0.3504, 0.2692

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.0116, 0.3264, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4560, 0.3504, 0.2692 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(188, 115, 159)` looks like.

```
.text, #text, p{  
    color:rgb(188, 115, 159)  
}
```

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(188, 115, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 115, 159) }
```

Border

The CSS property to change the border of an element to Yxy 25.4560, 0.3504, 0.2692 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(188, 115, 159) }
```

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

```
.border{ border-color:rgb(188, 115, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 115, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 115, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 115, 159);  
box-shadow:4px 4px 4px 4px rgb(188, 115,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4560, 0.3504, 0.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 115, 159) }
```

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

```
.background{ background-color: rgb(188,  
115, 159) }
```

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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