

Converting Colors

$Y_{xy}(25.7841, 0.3451, 0.2453)$

Have a look what the booklet for
Yxy(25.7841, 0.3451, 0.2453)
contains.

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Color

Yxy(25.7869, 0.3450, 0.2452)

Conversions

Conversions Part 1

Format	Color
Hex	C66CAE
RGB	198, 108, 174
RGB Percent	78%, 42%, 68%
CMY	0.2237, 0.5763, 0.3177
CMYK	0.00, 0.45, 0.12, 0.22
HSL	316°, 44%, 60%
HSV	316°, 45%, 78%
XYZ	36.2825, 25.7869, 43.0974
YIQ	142.4340, 32.4540, 39.6060

Conversions

Conversions Part 2

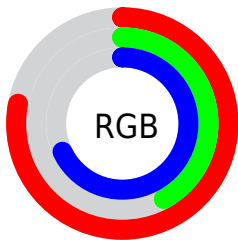
Format	Color
R _{YB}	198, 108, 174
Decimal	13003950
CIE Lab	57.83, 44.46, -19.54
CIE LCh	58, 48.563, 336.268
Yxy	25.7869, 0.3450, 0.2452
Android (android.graphics.Color)	4291194030 (0xFFC66CAE)
YUV	142.4340, 15.5620, 48.7314
Hunter-Lab	50.7808, 38.6707, -14.7725

Details

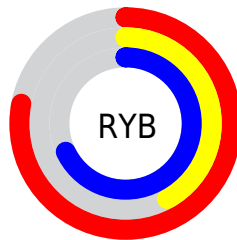
The Yxy color **25.7869, 0.3450, 0.2452** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.2292, 0.2916, 0.4319**, and the grayscale version is **27.1606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8138, 0.3376, 0.2605**, and **9.9596, 0.3549, 0.2206** is the 20% darker color. If you saturate the color by 10%, you get **21.8725, 0.3548, 0.2288**, and if you desaturate by 10%, it is **30.6599, 0.3361, 0.2633**.

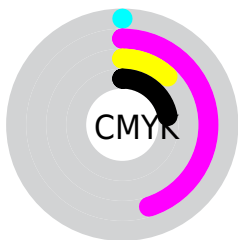
Distribution



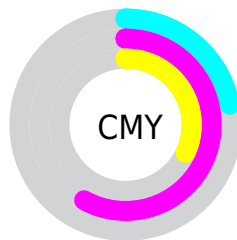
- Red (78%)
- Green (42%)
- Blue (68%)



- Red (78%)
- Yellow (42%)
- Blue (68%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7869, 0.3450, 0.2452 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 25.7869, 0.3450, 0.2452 by changing the saturation by 10% instead.


 25.7869, 0.3450,
0.2452


 25.7869, 0.3450,
0.2452


281.7344, 0.3287,
0.2880

 16.6643, 0.3491,
0.2343


 52.9310, 0.3391,
0.2609


 9.9954, 0.3542,
0.2203


 71.7212, 0.3369,
0.2668

 5.3959, 0.3610,
0.2015


 94.5028, 0.3350,
0.2717

 2.4814, 0.3703,
0.1754

 121.6601, 0.3334,
0.2759

 0.8673, 0.3833,
0.1371

153.5775, 0.3320,
0.2795

 0.0000, 0.4353,
0.0000

190.6394, 0.3308,

 0.0000, 0.0000,

0.2827

0.0000

233.2303, 0.3297,
0.2855

■ 25.7869, 0.3450,
0.2452

■ 25.7869, 0.3450,
0.2452

■ 21.8725, 0.3548,
0.2288

■ 30.6599, 0.3361,
0.2633

■ 18.8479, 0.3653,
0.2150

■ 36.5468, 0.3283,
0.2822

■ 16.6412, 0.3762,
0.2049


■ 43.5031, 0.3214,
0.3010


■ 15.1674, 0.3872,
0.1994

■ 51.5791, 0.3155,
0.3194

■ 14.3222, 0.3979,
0.1986

■ 60.8219, 0.3105,
0.3369

 14.0504, 0.4028,
0.1992

 71.2760, 0.3063,
0.3533

 82.9834, 0.3028,
0.3685

 88.4904, 0.2998,
0.3712

 88.7683, 0.2969,
0.3653

Harmonies

Analogous

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



25.7869, 0.2640, 0.2143



25.7869, 0.3450, 0.2452



25.7869, 0.4257, 0.2932

Triad

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



25.7869, 0.3450, 0.2452



25.7869, 0.4176, 0.4621



25.7869, 0.1758, 0.2743

Complementary

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



25.7869, 0.3450, 0.2452



45.2292, 0.2916, 0.4319

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.



25.7869, 0.2064, 0.3558



25.7869, 0.3450, 0.2452



25.7869, 0.3445, 0.4814

Square

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



25.7869, 0.3450, 0.2452



25.7869, 0.4664, 0.4104



25.7869, 0.2671, 0.4414



25.7869, 0.1762, 0.2242

Rectangle

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



25.7869, 0.3450, 0.2452



25.7869, 0.4622, 0.3309



25.7869, 0.2671, 0.4414



25.7869, 0.1825, 0.2985

Sweetspot

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



25.7881, 0.3450, 0.2452



78.7015, 0.3207, 0.3033



19.7142, 0.2490, 0.1958



16.2207, 0.3220, 0.2992



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.7881, 0.3450, 0.2452



38.5050, 0.3552, 0.2282



24.3184, 0.4042, 0.3014



10.7665, 0.3178, 0.3122



9.1557, 0.4014, 0.1985



0.4451, 0.3810, 0.1873

Inverse Universe

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



25.7881, 0.3450, 0.2452



38.5050, 0.3552, 0.2282



46.7362, 0.2642, 0.3599



10.7665, 0.3178, 0.3122



9.1557, 0.4014, 0.1985



0.4451, 0.3810, 0.1873

Previews

White Background



This preview shows how the Yxy color 25.7869, 0.3450, 0.2452 looks on a white background.

Color Contrast Check

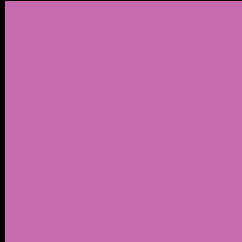
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7869, 0.3450, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

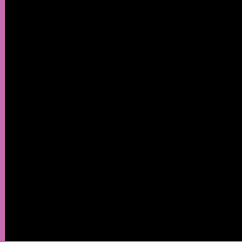
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7869, 0.3450, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 25.7869, 0.3450, 0.2452.



This preview shows how white text looks on a background with the Yxy color 25.7869, 0.3450, 0.2452.

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

25.7869, 0.3450, 0.2452

Protanopia

26.0144, 0.2476, 0.2392

Deuteranopia

25.8762, 0.2830, 0.2769



Tritanopia

25.8266, 0.3964, 0.3169

Trichromacy



Original Color

25.7869, 0.3450, 0.2452

Protanomaly

25.0366, 0.2772, 0.2384

Deuteranomaly

25.3356, 0.3037, 0.2625

Tritanomaly

25.6503, 0.3780, 0.2889

Monochromacy



Original Color

25.7869, 0.3450, 0.2452

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.9797, 0.3235, 0.2927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7869, 0.3450, 0.2452 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(198, 108, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 108, 174)  
}
```

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(198, 108, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 108, 174) }
```

Border

The CSS property to change the border of an element to Yxy 25.7869, 0.3450, 0.2452 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(198, 108, 174) }
```

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

```
.border{ border-color:rgb(198, 108, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 108, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 108, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 108, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 108,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7869, 0.3450, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 108, 174) }
```

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

```
.background{ background-color: rgb(198,  
108, 174) }
```

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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