

Converting Colors

$Y_{xy}(25.6639, 0.3086, 0.2194)$

Have a look what the booklet for
Yxy(25.6639, 0.3086, 0.2194)
contains.

Yxy(25.8287, 0.3090, 0.2200)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8287, 0.3090, 0.2200)

Conversions

Conversions Part 1

Format	Color
Hex	BC6EC4
RGB	188, 110, 196
RGB Percent	74%, 43%, 77%
CMY	0.2628, 0.5686, 0.2314
CMYK	0.04, 0.44, 0.00, 0.23
HSL	294°, 42%, 60%
HSV	294°, 44%, 77%
XYZ	36.2776, 25.8287, 55.2969
YIQ	143.1260, 18.8820, 43.2820

Conversions

Conversions Part 2

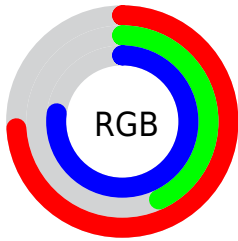
Format	Color
RYB	188, 110, 196
Decimal	12349124
CIELab	57.87, 44.27, -32.20
CIElCh	58, 54.739, 323.970
Yxy	25.8287, 0.3090, 0.2200
Android (android.graphics.Color)	4290539204 (0xFFBC6EC4)
YUV	143.1260, 26.0669, 39.3545
Hunter-Lab	50.8219, 38.4780, -28.9352

Details

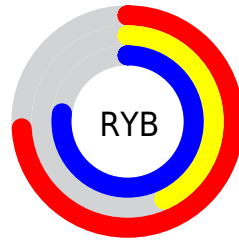
The Yxy color **25.8287, 0.3090, 0.2200** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **44.4576, 0.3120, 0.4620**, and the grayscale version is **27.4103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2356, 0.3111, 0.2400**, and **10.0675, 0.3049, 0.1904** is the 20% darker color. If you saturate the color by 10%, you get **21.8274, 0.3074, 0.1977**, and if you desaturate by 10%, it is **30.7705, 0.3103, 0.2443**.

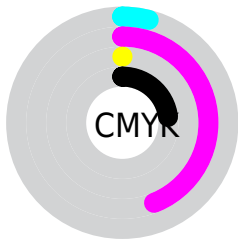
Distribution



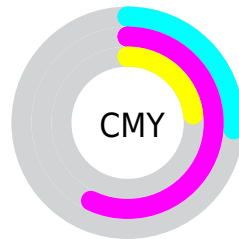
- Red (74%)
- Green (43%)
- Blue (77%)



- Red (74%)
- Yellow (43%)
- Blue (77%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)





- Cyan (26%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8287, 0.3090, 0.2200 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 25.8287, 0.3090, 0.2200 by changing the saturation by 10% instead.


 25.8287, 0.3090,
0.2200


 25.8287, 0.3090,
0.2200

281.9402, 0.3129,
0.2743


 16.6955, 0.3073,
0.2067


 52.9985, 0.3109,
0.2396


 10.0177, 0.3048,
0.1900

 71.8039, 0.3115,
0.2470

 5.4107, 0.3007,
0.1683


 94.6021, 0.3119,
0.2532

 2.4902, 0.2934,
0.1395

 121.7776, 0.3122,
0.2586

 0.8717, 0.2796,
0.1006

153.7148, 0.3124,
0.2633

 0.0000, 0.2627,
0.0000

190.7980, 0.3126,

 0.0000, 0.0000,

0.2674

0.0000

233.4117, 0.3128,
0.2711

■ 25.8287, 0.3090,
0.2200

■ 25.8287, 0.3090,
0.2200

■ 21.8274, 0.3074,
0.1977

■ 30.7705, 0.3103,
0.2443

■ 18.7009, 0.3056,
0.1783

■ 36.7061, 0.3113,
0.2696

■ 16.3803, 0.3035,
0.1626

■ 43.6888, 0.3121,
0.2949

■ 14.7850, 0.3013,
0.1512

■ 51.7672, 0.3126,
0.3197

■ 13.8175, 0.2990,
0.1442

■ 60.9867, 0.3129,
0.3433

■ 13.4218, 0.2975,
0.1413

■ 71.3902, 0.3130,
0.3655

■ 83.0185, 0.3130,
0.3861

■ 88.1443, 0.3137,
0.3936

■ 88.4013, 0.3148,
0.3934

Harmonies

Analogous

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



25.8287, 0.2280, 0.1959



25.8287, 0.3090, 0.2200



25.8287, 0.4049, 0.2653

Triad

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



25.8287, 0.3090, 0.2200



25.8287, 0.4544, 0.4530



25.8287, 0.1708, 0.3000

Complementary

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



25.8287, 0.3090, 0.2200



44.4576, 0.3120, 0.4620

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.



25.8287, 0.2175, 0.4017



25.8287, 0.3090, 0.2200



25.8287, 0.3808, 0.4978

Square

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



25.8287, 0.3090, 0.2200



25.8287, 0.4935, 0.3889



25.8287, 0.2944, 0.4852



25.8287, 0.1585, 0.2296

Rectangle

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



25.8287, 0.3090, 0.2200



25.8287, 0.4584, 0.3036



25.8287, 0.2944, 0.4852



25.8287, 0.1824, 0.3318

Sweetspot

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



25.8298, 0.3090, 0.2200



80.0625, 0.3121, 0.2966



20.4012, 0.2334, 0.2075



16.4870, 0.3120, 0.2910



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.



25.8298, 0.3090, 0.2200



39.5689, 0.3074, 0.1978



25.4836, 0.3576, 0.2617



10.1983, 0.3123, 0.3062



8.6443, 0.2979, 0.1414



0.3876, 0.3033, 0.1445

Inverse Universe

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



24.1974, 0.4162, 0.3186



36.3346, 0.4544, 0.3167



44.8208, 0.2850, 0.4089



10.0928, 0.3275, 0.3269



7.5751, 0.6281, 0.3234



0.3326, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 25.8287, 0.3090, 0.2200 looks on a white background.

Color Contrast Check

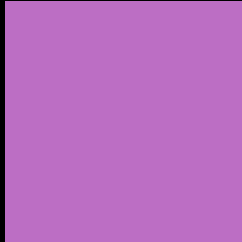
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8287, 0.3090, 0.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

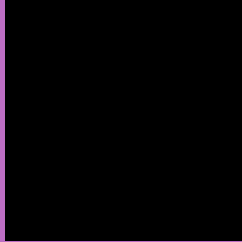
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8287, 0.3090, 0.2200

Background



This preview shows how black text looks on a background with the Yxy color 25.8287, 0.3090, 0.2200.

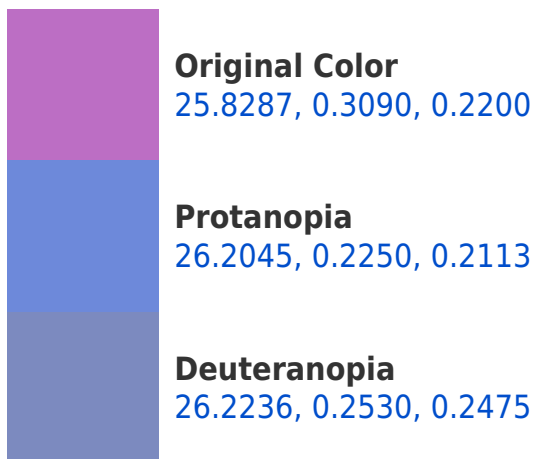


This preview shows how white text looks on a background with the Yxy color 25.8287, 0.3090, 0.2200.

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





Tritanopia

25.8121, 0.3706, 0.3161

Trichromacy



Original Color

25.8287, 0.3090, 0.2200



Protanomaly

25.2352, 0.2492, 0.2117



Deuteranomaly

25.4916, 0.2703, 0.2345



Tritanomaly

25.6612, 0.3473, 0.2774

Monochromacy



Original Color

25.8287, 0.3090, 0.2200



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.2122, 0.3116, 0.2823

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8287, 0.3090, 0.2200 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, 110, 196)` looks like.

```
.text, #text, p{  
    color:rgb(188, 110, 196)  
}
```

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, 110, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 110, 196) }
```

Border

The CSS property to change the border of an element to Yxy 25.8287, 0.3090, 0.2200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

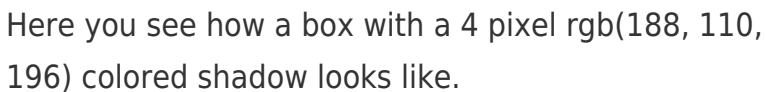
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 110, 196) }
```

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

```
.border{ border-color:rgb(188, 110, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 110, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 110, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 110, 196);  
box-shadow:4px 4px 4px 4px rgb(188, 110,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8287, 0.3090, 0.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 110, 196) }
```

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

```
.background{ background-color: rgb(188,  
110, 196) }
```

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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