

Converting Colors

$Y_{xy}(25.5186, 0.3301, 0.2281)$

Have a look what the booklet for
Yxy(25.5186, 0.3301, 0.2281)
contains.

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Color

Yxy(25.5186, 0.3301, 0.2281)

Conversions

Conversions Part 1

Format	Color
Hex	C569BA
RGB	197, 105, 186
RGB Percent	77%, 41%, 73%
CMY	0.2276, 0.5881, 0.2706
CMYK	0.00, 0.47, 0.06, 0.23
HSL	307°, 44%, 59%
HSV	307°, 47%, 77%
XYZ	36.9298, 25.5186, 49.4262
YIQ	141.7420, 28.8310, 44.6950

Conversions

Conversions Part 2

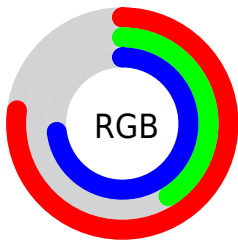
Format	Color
R_{YB}	197, 105, 186
Decimal	12937658
CIE _{Lab}	57.58, 47.71, -26.85
CIE _{LCh}	58, 54.745, 330.629
Yxy	25.5186, 0.3301, 0.2281
Android (android.graphics.Color)	4291127738 (0xFFC569BA)
YUV	141.7420, 21.8192, 48.4613
Hunter-Lab	50.5159, 42.0900, -22.6498

Details

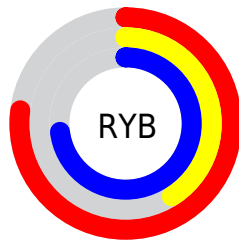
The Yxy color **25.5186, 0.3301, 0.2281** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **44.1775, 0.2994, 0.4571**, and the grayscale version is **26.8496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4671, 0.3277, 0.2468**, and **9.8122, 0.3324, 0.1983** is the 20% darker color. If you saturate the color by 10%, you get **21.8608, 0.3347, 0.2096**, and if you desaturate by 10%, it is **30.1095, 0.3257, 0.2488**.

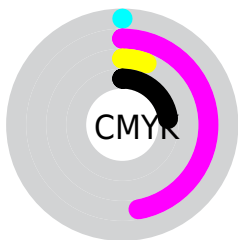
Distribution



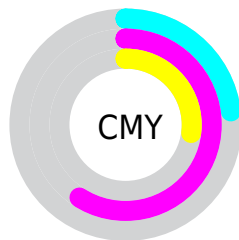
- Red (77%)
- Green (41%)
- Blue (73%)



- Red (77%)
- Yellow (41%)
- Blue (73%)



- Cyan (0%)
- Magenta (47%)
- Yellow (6%)
- Black (23%)





- Cyan (23%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5186, 0.3301, 0.2281 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 25.5186, 0.3301, 0.2281 by changing the saturation by 10% instead.


 25.5186, 0.3301,
0.2281


 25.5186, 0.3301,
0.2281


280.4108, 0.3225,
0.2788

 16.4639, 0.3316,
0.2156


 52.4973, 0.3276,
0.2465

 9.8530, 0.3332,
0.1996


 71.1900, 0.3266,
0.2534

 5.3016, 0.3348,
0.1787


 93.8642, 0.3257,
0.2593

 2.4253, 0.3360,
0.1504

 120.9043, 0.3249,
0.2643

 0.8388, 0.3351,
0.1110

152.6946, 0.3242,
0.2686

 0.0000, 0.3454,
0.0000

189.6195, 0.3236,

 0.0000, 0.0000,

0.2724

0.0000

232.0635, 0.3230,
0.2758

■ 25.5186, 0.3301,
0.2281

■ 25.5186, 0.3301,
0.2281

■ 21.8608, 0.3347,
0.2096

■ 30.1095, 0.3257,
0.2488

■ 19.0675, 0.3393,
0.1942

■ 35.6888, 0.3217,
0.2706

■ 17.0665, 0.3439,
0.1827

■ 42.3116, 0.3180,
0.2929

■ 15.7721, 0.3482,
0.1756

■ 50.0280, 0.3147,
0.3148

■ 15.0717, 0.3523,
0.1727

■ 58.8848, 0.3118,
0.3359

■ 14.8987, 0.3536,
0.1722

■ 68.9262, 0.3093,
0.3559

■ 80.1939, 0.3071,
0.3746

■ 87.7812, 0.3054,
0.3843

■ 87.8954, 0.3041,
0.3816

Harmonies

Analogous

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



25.5186, 0.2432, 0.1987



25.5186, 0.3301, 0.2281



25.5186, 0.4250, 0.2773

Triad

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



25.5186, 0.3301, 0.2281



25.5186, 0.4406, 0.4662



25.5186, 0.1647, 0.2806

Complementary

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



25.5186, 0.3301, 0.2281



44.1775, 0.2994, 0.4571

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.



25.5186, 0.2037, 0.3784



25.5186, 0.3301, 0.2281



25.5186, 0.3621, 0.5021

Square

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



25.5186, 0.3301, 0.2281



25.5186, 0.4896, 0.4037



25.5186, 0.2754, 0.4725



25.5186, 0.1596, 0.2190

Rectangle

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



25.5186, 0.3301, 0.2281



25.5186, 0.4724, 0.3171



25.5186, 0.2754, 0.4725



25.5186, 0.1737, 0.3101

Sweetspot

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



25.5198, 0.3301, 0.2281



79.0284, 0.3171, 0.2983



17.8371, 0.2342, 0.1874



16.3010, 0.3179, 0.2935



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.



25.5198, 0.3301, 0.2281



39.0635, 0.3348, 0.2093



23.8766, 0.3885, 0.2826



10.7940, 0.3156, 0.3089



9.8131, 0.3532, 0.1719



0.4710, 0.3455, 0.1677

Inverse Universe

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



25.5198, 0.3301, 0.2281



39.0635, 0.3348, 0.2093



45.5151, 0.2714, 0.3827



10.7940, 0.3156, 0.3089



9.8131, 0.3532, 0.1719



0.4710, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 25.5186, 0.3301, 0.2281 looks on a white background.

Color Contrast Check

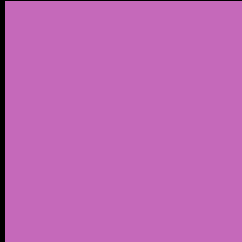
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5186, 0.3301, 0.2281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

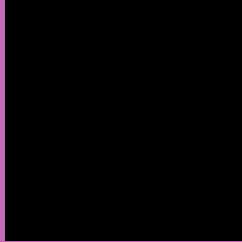
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5186, 0.3301, 0.2281

Background



This preview shows how black text looks on a background with the Yxy color 25.5186, 0.3301, 0.2281.



This preview shows how white text looks on a background with the Yxy color 25.5186, 0.3301, 0.2281.

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

25.5186, 0.3301, 0.2281

Protanopia

25.8222, 0.2313, 0.2182

Deuteranopia

25.6494, 0.2661, 0.2600



Tritanopia

25.4363, 0.3928, 0.3167

Trichromacy



Original Color

25.5186, 0.3301, 0.2281



Protanomaly

24.8608, 0.2599, 0.2191



Deuteranomaly

24.9147, 0.2866, 0.2453



Tritanomaly

25.2858, 0.3707, 0.2820

Monochromacy



Original Color

25.5186, 0.3301, 0.2281



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.8505, 0.3193, 0.2854

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5186, 0.3301, 0.2281 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(197, 105, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 105, 186)  
}
```

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(197, 105, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 105, 186) }
```

Border

The CSS property to change the border of an element to Yxy 25.5186, 0.3301, 0.2281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

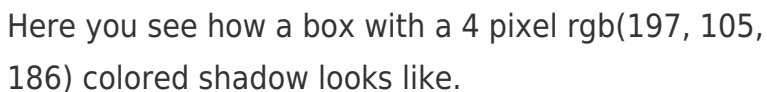
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 105, 186) }
```

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

```
.border{ border-color:rgb(197, 105, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 105, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 105, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 105, 186); box-shadow:4px 4px 4px 4px rgb(197, 105, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5186, 0.3301, 0.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 105, 186) }
```

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

```
.background{ background-color: rgb(197,  
105, 186) }
```

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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