

Converting Colors

$Y_{xy}(25.0451, 0.3264, 0.2261)$

Have a look what the booklet for
Yxy(25.0451, 0.3264, 0.2261)
contains.

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Color

Yxy(25.1177, 0.3267, 0.2269)

Conversions

Conversions Part 1

Format	Color
Hex	C269BA
RGB	194, 105, 186
RGB Percent	76%, 41%, 73%
CMY	0.2392, 0.5882, 0.2704
CMYK	0.00, 0.46, 0.04, 0.24
HSL	305°, 42%, 59%
HSV	305°, 46%, 76%
XYZ	36.1655, 25.1177, 49.4162
YIQ	140.8450, 27.0430, 44.0590

Conversions

Conversions Part 2

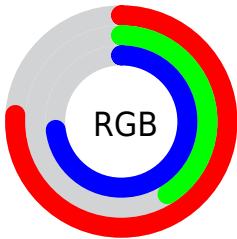
Format	Color
RYB	194, 105, 186
Decimal	12741050
CIELab	57.19, 46.84, -27.51
CIElCh	57, 54.323, 329.577
Yxy	25.1177, 0.3267, 0.2269
Android (android.graphics.Color)	4290931130 (0xFFC269BA)
YUV	140.8450, 22.2614, 46.6169
Hunter-Lab	50.1176, 41.1023, -23.3780

Details

The Yxy color **25.1177, 0.3267, 0.2269** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.7782, 0.3013, 0.4587**, and the grayscale version is **26.4762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9025, 0.3252, 0.2461**, and **9.6429, 0.3274, 0.1974** is the 20% darker color. If you saturate the color by 10%, you get **21.5342, 0.3303, 0.2078**, and if you desaturate by 10%, it is **29.6057, 0.3232, 0.2482**.

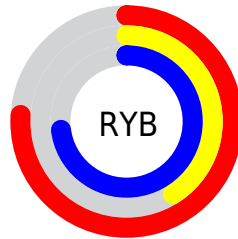
Distribution



Red (76%)

Green (41%)

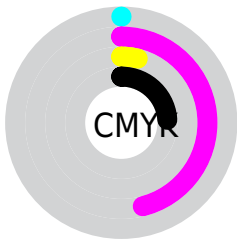
Blue (73%)



Red (76%)

Yellow (41%)

Blue (73%)

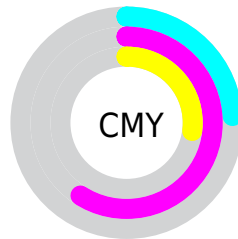


Cyan (0%)

Magenta (46%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (59%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1177, 0.3267, 0.2269 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 25.1177, 0.3267, 0.2269 by changing the saturation by 10% instead.


 25.1177, 0.3267,
0.2269

 25.1177, 0.3267,
0.2269


278.4236, 0.3209,
0.2783


 16.1648, 0.3277,
0.2142


 51.8481, 0.3249,
0.2455


 9.6408, 0.3286,
0.1979


 70.3944, 0.3242,
0.2526

 5.1615, 0.3293,
0.1767


 92.9072, 0.3235,
0.2585

 2.3423, 0.3290,
0.1480

 119.7710, 0.3229,
0.2636

 0.7960, 0.3257,
0.1078

151.3701, 0.3223,
0.2680

 0.0000, 0.3293,
0.0000

188.0890, 0.3218,

 0.0000, 0.0000,

0.2718

0.0000

230.3120, 0.3213,
0.2752

■ 25.1177, 0.3267,
0.2269

■ 25.1177, 0.3267,
0.2269

■ 21.5342, 0.3303,
0.2078

■ 29.6057, 0.3232,
0.2482

■ 18.7898, 0.3339,
0.1918

■ 35.0510, 0.3199,
0.2707

■ 16.8154, 0.3374,
0.1797

■ 41.5065, 0.3169,
0.2935

■ 15.5300, 0.3407,
0.1718

■ 49.0202, 0.3142,
0.3161


■ 14.8315, 0.3437,
0.1682

■ 57.6369, 0.3117,
0.3378

 14.6294, 0.3449,
0.1673

 67.3990, 0.3096,
0.3584

 78.3465, 0.3077,
0.3776

 87.1559, 0.3063,
0.3901

 87.2375, 0.3054,
0.3881

Harmonies

Analogous

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



25.1177, 0.2408, 0.1984



25.1177, 0.3267, 0.2269



25.1177, 0.4217, 0.2755

Triad

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



25.1177, 0.3267, 0.2269



25.1177, 0.4427, 0.4640



25.1177, 0.1657, 0.2837

Complementary

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



25.1177, 0.3267, 0.2269



42.7782, 0.3013, 0.4587

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.



25.1177, 0.2060, 0.3820



25.1177, 0.3267, 0.2269



25.1177, 0.3650, 0.5013

Square

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



25.1177, 0.3267, 0.2269



25.1177, 0.4901, 0.4013



25.1177, 0.2784, 0.4745



25.1177, 0.1596, 0.2207

Rectangle

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



25.1177, 0.3267, 0.2269



25.1177, 0.4701, 0.3150



25.1177, 0.2784, 0.4745



25.1177, 0.1752, 0.3135

Sweetspot

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



25.1188, 0.3267, 0.2269



77.3180, 0.3164, 0.2973



17.4699, 0.2333, 0.1893



16.3176, 0.3171, 0.2923



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.



25.1188, 0.3267, 0.2269



39.0175, 0.3303, 0.2078



23.5276, 0.3824, 0.2795



10.2315, 0.3151, 0.3083



9.6246, 0.3445, 0.1672



0.4205, 0.3387, 0.1639

Inverse Universe

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



25.1188, 0.3267, 0.2269



39.0175, 0.3303, 0.2078



44.0183, 0.2738, 0.3864



10.2315, 0.3151, 0.3083



9.6246, 0.3445, 0.1672



0.4205, 0.3387, 0.1639

Previews

White Background



This preview shows how the Yxy color 25.1177, 0.3267, 0.2269 looks on a white background.

Color Contrast Check

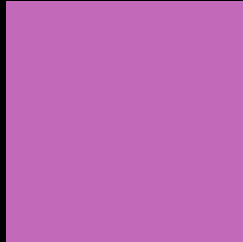
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1177, 0.3267, 0.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

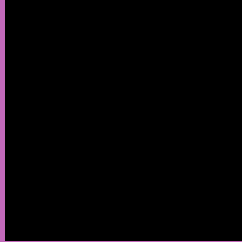
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1177, 0.3267, 0.2269

Background



This preview shows how black text looks on a background with the Yxy color 25.1177, 0.3267, 0.2269.



This preview shows how white text looks on a background with the Yxy color 25.1177, 0.3267, 0.2269.

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

25.1177, 0.3267, 0.2269

Protanopia

25.3606, 0.2302, 0.2174

Deuteranopia

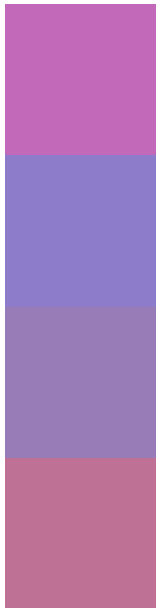
25.2533, 0.2633, 0.2567



Tritanopia

25.0540, 0.3892, 0.3165

Trichromacy



Original Color

25.1177, 0.3267, 0.2269

Protanomaly

24.2951, 0.2578, 0.2180

Deuteranomaly

24.5096, 0.2835, 0.2421

Tritanomaly

24.8955, 0.3671, 0.2813

Monochromacy



Original Color

25.1177, 0.3267, 0.2269

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.3462, 0.3182, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1177, 0.3267, 0.2269 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(194, 105, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 105, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 105, 186) }
```

Border

The CSS property to change the border of an element to Yxy 25.1177, 0.3267, 0.2269 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(194, 105, 186) }
```

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

```
.border{ border-color:rgb(194, 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(194, 105, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 105, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 105, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 105,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1177, 0.3267, 0.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 105, 186) }
```

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

```
.background{ background-color: rgb(194,  
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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