

Converting Colors

$Y_{xy}(24.7065, 0.3345, 0.2068)$

Have a look what the booklet for
Yxy(24.7065, 0.3345, 0.2068)
contains.

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Color

Yxy(24.8319, 0.3347, 0.2072)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D259C4 |
| RGB | 210, 89, 196 |
| RGB Percent | 82%, 35%, 77% |
| CMY | 0.1765, 0.6509, 0.2314 |
| CMYK | 0.00, 0.58, 0.07, 0.18 |
| HSL | 307°, 57%, 59% |
| HSV | 307°, 58%, 82% |
| XYZ | 40.1121, 24.8319, 54.9010 |
| YIQ | 137.3770, 37.7690, 58.9290 |

Conversions

Conversions Part 2

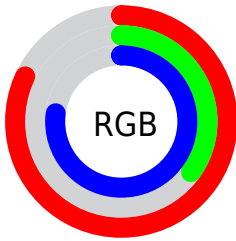
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 89, 196 |
| Decimal | 13785540 |
| CIE Lab | 56.91, 60.77, -33.48 |
| CIE LCh | 57, 69.382, 331.152 |
| Yxy | 24.8319, 0.3347, 0.2072 |
| Android (android.graphics.Color) | 4291975620 (0xFFD259C4) |
| YUV | 137.3770, 28.9011, 63.6904 |
| Hunter-Lab | 49.8316, 56.4789, -30.4395 |

Details

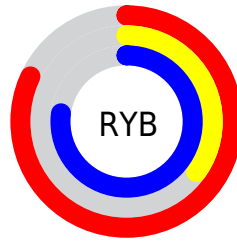
The Yxy color **24.8319, 0.3347, 0.2072** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **49.1931, 0.2974, 0.4940**, and the grayscale version is **25.0461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6026, 0.3193, 0.2246**, and **9.5558, 0.3385, 0.1755** is the 20% darker color. If you saturate the color by 10%, you get **21.7122, 0.3392, 0.1921**, and if you desaturate by 10%, it is **28.9523, 0.3302, 0.2255**.

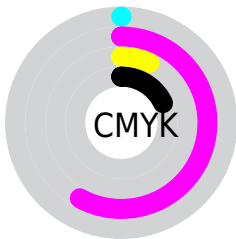
Distribution



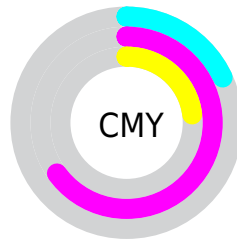
- Red (82%)
- Green (35%)
- Blue (77%)



- Red (82%)
- Yellow (35%)
- Blue (77%)



- Cyan (0%)
- Magenta (58%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8319, 0.3347, 0.2072 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 24.8319, 0.3347, 0.2072 by changing the saturation by 10% instead.


 24.8319, 0.3347,
0.2072

 24.8319, 0.3347,
0.2072


276.9998, 0.3255,
0.2670

 15.9519, 0.3363,
0.1929


 51.3844, 0.3318,
0.2285

 9.4901, 0.3380,
0.1751


 69.8256, 0.3306,
0.2366

 5.0622, 0.3395,
0.1523


 92.2227, 0.3295,
0.2436

 2.2838, 0.3400,
0.1228

 118.9600, 0.3285,
0.2496

 0.7651, 0.3377,
0.0837

150.4220, 0.3277,
0.2548

 0.0000, 0.3374,
0.0000

186.9930, 0.3269,


 0.0000, 0.1223,


0.2593


0.0000


229.0575, 0.3262,
0.2634


 0.0000, 0.0000,
0.0000


 24.8319, 0.3347,
0.2072


 24.8319, 0.3347,
0.2072


 21.7122, 0.3392,
0.1921


 28.9523, 0.3302,
0.2255


 19.5025, 0.3437,
0.1811


 34.1469, 0.3259,
0.2461

 18.1015, 0.3479,
0.1744

 40.4864, 0.3219,
0.2681

 17.3664, 0.3518,
0.1720

 48.0344, 0.3182,
0.2905

 17.2328, 0.3527,
0.1717

 56.8500, 0.3150,
0.3126

■ 66.9882, 0.3121,
0.3340

■ 78.5009, 0.3095,
0.3543

■ 90.1489, 0.3074,
0.3712

■ 90.2750, 0.3061,
0.3685

Harmonies

Analogous

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



24.8319, 0.2271, 0.1727



24.8319, 0.3347, 0.2072



24.8319, 0.4572, 0.2644

Triad

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



24.8319, 0.3347, 0.2072



24.8319, 0.4607, 0.4912



24.8319, 0.1327, 0.2618

Complementary

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



24.8319, 0.3347, 0.2072



49.1931, 0.2974, 0.4940

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.



24.8319, 0.1747, 0.3883



24.8319, 0.3347, 0.2072



24.8319, 0.3629, 0.5493

Square

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



24.8319, 0.3347, 0.2072



24.8319, 0.5282, 0.4102



24.8319, 0.2586, 0.5184



24.8319, 0.1296, 0.1911

Rectangle

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



24.8319, 0.3347, 0.2072



24.8319, 0.5167, 0.3100



24.8319, 0.2586, 0.5184



24.8319, 0.1419, 0.2982

Sweetspot

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



24.8331, 0.3347, 0.2072



75.0734, 0.3181, 0.2914



14.5732, 0.2104, 0.1489



15.5225, 0.3188, 0.2869



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.



24.8331, 0.3347, 0.2072



32.8369, 0.3402, 0.1894



22.6655, 0.4144, 0.2707



11.9845, 0.3155, 0.3087



10.5223, 0.3522, 0.1714



0.5952, 0.3457, 0.1678

Inverse Universe

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



24.8331, 0.3347, 0.2072



32.8369, 0.3402, 0.1894



50.8081, 0.2660, 0.4017



11.9845, 0.3155, 0.3087



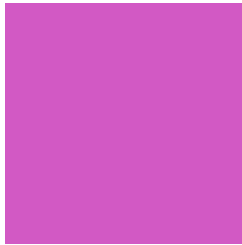
10.5223, 0.3522, 0.1714



0.5952, 0.3457, 0.1678

Previews

White Background



This preview shows how the Yxy color 24.8319, 0.3347, 0.2072 looks on a white background.

Color Contrast Check

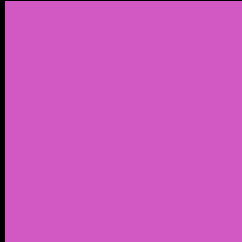
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8319, 0.3347, 0.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

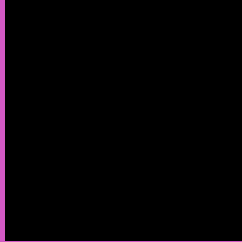
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8319, 0.3347, 0.2072

Background



This preview shows how black text looks on a background with the Yxy color 24.8319, 0.3347, 0.2072.



This preview shows how white text looks on a background with the Yxy color 24.8319, 0.3347, 0.2072.

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

24.8319, 0.3347, 0.2072

Protanopia

25.3704, 0.2079, 0.1885

Deuteranopia

25.0237, 0.2520, 0.2460



Tritanopia

24.6391, 0.4241, 0.3189

Trichromacy



Original Color

24.8319, 0.3347, 0.2072



Protanomaly

23.3584, 0.2391, 0.1890



Deuteranomaly

23.4908, 0.2769, 0.2241



Tritanomaly

24.4154, 0.3900, 0.2733

Monochromacy



Original Color

24.8319, 0.3347, 0.2072



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.7941, 0.3225, 0.2721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8319, 0.3347, 0.2072 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(210, 89, 196)` looks like.

```
.text, #text, p{  
    color:rgb(210, 89, 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(210, 89, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 89, 196) }
```

Border

The CSS property to change the border of an element to Yxy 24.8319, 0.3347, 0.2072 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(210, 89, 196) }
```

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

```
.border{ border-color:rgb(210, 89, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 89, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 89, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 89, 196);  
box-shadow:4px 4px 4px 4px rgb(210, 89,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8319, 0.3347, 0.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 89, 196) }
```

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

```
.background{ background-color: rgb(210, 89,  
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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