

Converting Colors

$Y_{xy}(25.2366, 0.3924, 0.2466)$

Have a look what the booklet for
Yxy(25.2366, 0.3924, 0.2466)
contains.

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Color

Yxy(25.2830, 0.3926, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	DE59A2
RGB	222, 89, 162
RGB Percent	87%, 35%, 64%
CMY	0.1294, 0.6510, 0.3647
CMYK	0.00, 0.60, 0.27, 0.13
HSL	327°, 67%, 61%
HSV	327°, 60%, 87%
XYZ	40.2192, 25.2830, 36.9410
YIQ	137.0890, 55.8350, 50.8990

Conversions

Conversions Part 2

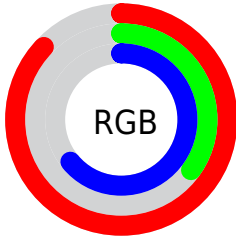
Format	Color
RYB	222, 89, 162
Decimal	14571938
CIELab	57.35, 59.21, -13.03
CIELCh	57, 60.629, 347.594
Yxy	25.2830, 0.3926, 0.2468
Android (android.graphics.Color)	4292762018 (0xFFDE59A2)
YUV	137.0890, 12.2811, 74.4669
Hunter-Lab	50.2822, 54.7829, -8.3613

Details

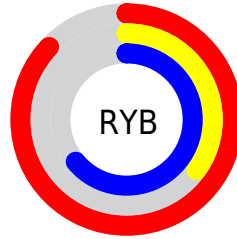
The Yxy color **25.2830, 0.3926, 0.2468** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **56.5401, 0.2750, 0.4360**, and the grayscale version is **24.9892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5206, 0.3517, 0.2561**, and **9.6962, 0.4193, 0.2221** is the 20% darker color. If you saturate the color by 10%, you get **21.7877, 0.4130, 0.2382**, and if you desaturate by 10%, it is **29.9229, 0.3740, 0.2585**.

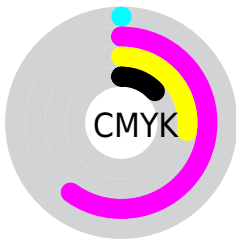
Distribution



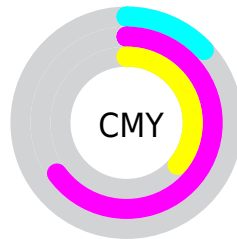
- Red (87%)
- Green (35%)
- Blue (64%)



- Red (87%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (13%)




- Cyan (13%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2830, 0.3926, 0.2468 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 25.2830, 0.3926, 0.2468 by changing the saturation by 10% instead.


 25.2830, 0.3926,
0.2468

 25.2830, 0.3926,
0.2468


279.2444, 0.3502,
0.2892


 16.2880, 0.4040,
0.2359


 52.1160, 0.3766,
0.2625

 9.7282, 0.4191,
0.2217


 70.7227, 0.3708,
0.2683

 5.2191, 0.4400,
0.2027


 93.3022, 0.3659,
0.2731

 2.3764, 0.4706,
0.1759

 120.2388, 0.3618,
0.2773

 0.8137, 0.5195,
0.1361

151.9170, 0.3583,
0.2809

 0.0000, 0.6718,
0.0000

188.7210, 0.3552,

 0.0000, 1.0000,

0.2840

0.0000


231.0353, 0.3526,
0.2868


 0.0000, 0.0000,
0.0000


 25.2830, 0.3926,
0.2468

 25.2830, 0.3926,
0.2468


 21.7877, 0.4130,
0.2382


 29.9229, 0.3740,
0.2585


 19.3290, 0.4346,
0.2338


 35.7951, 0.3575,
0.2722

 17.7843, 0.4563,
0.2347


 42.9828, 0.3433,
0.2867

 16.9383, 0.4774,
0.2404


 51.5611, 0.3312,
0.3013


 16.9317, 0.4776,
0.2404

 61.5993, 0.3211,
0.3156

 73.1619, 0.3126,
0.3291

 86.3097, 0.3057,
0.3418

 93.4692, 0.2999,
0.3421

 94.0881, 0.2944,
0.3318

Harmonies

Analogous

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



25.2830, 0.2864, 0.2025



25.2830, 0.3926, 0.2468



25.2830, 0.4834, 0.3074

Triad

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



25.2830, 0.3926, 0.2468



25.2830, 0.4036, 0.5079



25.2830, 0.1449, 0.2309

Complementary

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



25.2830, 0.3926, 0.2468



56.5401, 0.2750, 0.4360

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.



25.2830, 0.1645, 0.3172



25.2830, 0.3926, 0.2468



25.2830, 0.3101, 0.5158

Square

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



25.2830, 0.3926, 0.2468



25.2830, 0.4797, 0.4471



25.2830, 0.2222, 0.4355



25.2830, 0.1586, 0.1893

Rectangle

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



25.2830, 0.3926, 0.2468



25.2830, 0.5118, 0.3523



25.2830, 0.2222, 0.4355



25.2830, 0.1475, 0.2544

Sweetspot

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



25.2843, 0.3926, 0.2468



72.8672, 0.3293, 0.3039



18.7953, 0.2445, 0.1578



14.7939, 0.3325, 0.2996



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.



25.2843, 0.3926, 0.2468



28.8023, 0.4187, 0.2365



23.5139, 0.4907, 0.3224



13.8258, 0.3207, 0.3162



10.0792, 0.4746, 0.2388



0.7166, 0.4445, 0.2222

Inverse Universe

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



25.2843, 0.3926, 0.2468



28.8023, 0.4187, 0.2365



59.2944, 0.2424, 0.3377



13.8258, 0.3207, 0.3162



10.0792, 0.4746, 0.2388



0.7166, 0.4445, 0.2222

Previews

White Background



This preview shows how the Yxy color 25.2830, 0.3926, 0.2468 looks on a white background.

Color Contrast Check

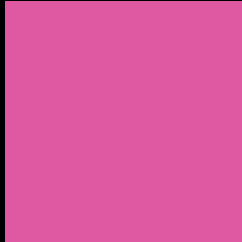
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2830, 0.3926, 0.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

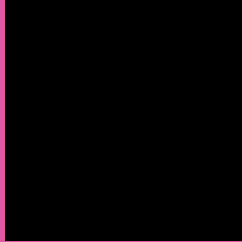
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2830, 0.3926, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 25.2830, 0.3926, 0.2468.



This preview shows how white text looks on a background with the Yxy color 25.2830, 0.3926, 0.2468.

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

25.2830, 0.3926, 0.2468

Protanopia

25.5415, 0.2465, 0.2385

Deuteranopia

25.6238, 0.3023, 0.2970



Tritanopia

25.1418, 0.4597, 0.3213

Trichromacy



Original Color

25.2830, 0.3926, 0.2468

Protanomaly

23.7806, 0.2885, 0.2362

Deuteranomaly

24.1961, 0.3321, 0.2709

Tritanomaly

25.1680, 0.4354, 0.2931

Monochromacy



Original Color

25.2830, 0.3926, 0.2468

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8331, 0.3413, 0.2899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2830, 0.3926, 0.2468 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(222, 89, 162)` looks like.

```
.text, #text, p{  
    color:rgb(222, 89, 162)  
}
```

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(222, 89, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 89, 162) }
```

Border

The CSS property to change the border of an element to Yxy 25.2830, 0.3926, 0.2468 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(222, 89, 162) }
```

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

```
.border{ border-color:rgb(222, 89, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 89, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 89, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 89, 162);  
box-shadow:4px 4px 4px 4px rgb(222, 89,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2830, 0.3926, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 89, 162) }
```

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

```
.background{ background-color: rgb(222, 89,  
162) }
```

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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