

Converting Colors

$Y_{xy}(26.7225, 0.3827, 0.2472)$

Have a look what the booklet for
Yxy(26.7225, 0.3827, 0.2472)
contains.

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Color

Yxy(26.7225, 0.3827, 0.2472)

Conversions

Conversions Part 1

Format	Color
Hex	DE60A8
RGB	222, 96, 168
RGB Percent	87%, 38%, 66%
CMY	0.1295, 0.6234, 0.3413
CMYK	0.00, 0.57, 0.24, 0.13
HSL	326°, 66%, 62%
HSV	326°, 57%, 87%
XYZ	41.3701, 26.7225, 40.0081
YIQ	141.8820, 51.9840, 49.1040

Conversions

Conversions Part 2

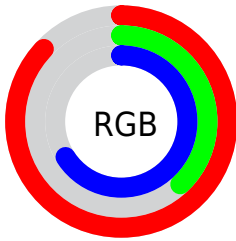
Format	Color
R _{YB}	222, 96, 168
Decimal	14573736
CIE _{Lab}	58.72, 56.87, -14.43
CIE _{LCh}	59, 58.672, 345.765
Yxy	26.7225, 0.3827, 0.2472
Android (android.graphics.Color)	4292763816 (0xFFDE60A8)
YUV	141.8820, 12.8762, 70.2635
Hunter-Lab	51.6938, 52.3880, -9.7014

Details

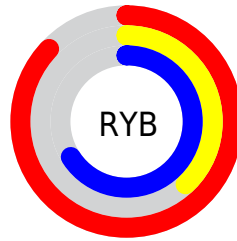
The Yxy color **26.7225, 0.3827, 0.2472** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.9284, 0.2776, 0.4335**, and the grayscale version is **26.9363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7209, 0.3452, 0.2563**, and **10.5397, 0.4055, 0.2231** is the 20% darker color. If you saturate the color by 10%, you get **22.8861, 0.4014, 0.2370**, and if you desaturate by 10%, it is **31.7309, 0.3658, 0.2602**.

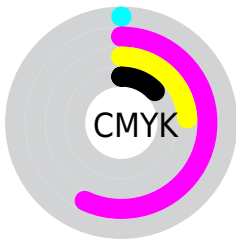
Distribution



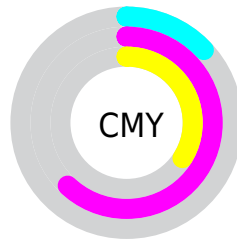
- Red (87%)
- Green (38%)
- Blue (66%)



- Red (87%)
- Yellow (38%)
- Blue (66%)



- Cyan (0%)
- Magenta (57%)
- Yellow (24%)
- Black (13%)




- Cyan (13%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7225, 0.3827, 0.2472 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 26.7225, 0.3827, 0.2472 by changing the saturation by 10% instead.

 26.7225, 0.3827,
0.2472


 26.7225, 0.3827,
0.2472


286.3110, 0.3460,
0.2889


 17.3649, 0.3924,
0.2366


 54.4382, 0.3690,
0.2625


 10.4950, 0.4051,
0.2229


 73.5652, 0.3640,
0.2682

 5.7284, 0.4225,
0.2047


 96.7174, 0.3598,
0.2730

 2.6806, 0.4477,
0.1792

 124.2793, 0.3562,
0.2771

 0.9674, 0.4871,
0.1420

156.6352, 0.3531,
0.2807

 0.0000, 0.6079,
0.0000

194.1695, 0.3504,

 0.0000, 1.0000,

0.2838

0.0000

237.2666, 0.3481,
0.2865

■ 0.0000, 0.0000,
0.0000

■ 26.7225, 0.3827,
0.2472

■ 26.7225, 0.3827,
0.2472

■ 22.8861, 0.4014,
0.2370

■ 31.7309, 0.3658,
0.2602

■ 20.1182, 0.4214,
0.2307

■ 37.9955, 0.3509,
0.2747

■ 18.3038, 0.4417,
0.2293


■ 45.5971, 0.3380,
0.2899

■ 17.2936, 0.4616,
0.2333

■ 54.6086, 0.3271,
0.3050


■ 17.0548, 0.4681,
0.2352

■ 65.0976, 0.3180,
0.3196

 77.1275, 0.3104,
0.3334

 90.7576, 0.3041,
0.3463

 93.5874, 0.2988,
0.3400

 94.1812, 0.2936,
0.3303

Harmonies

Analogous

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



26.7225, 0.2823, 0.2056



26.7225, 0.3827, 0.2472



26.7225, 0.4711, 0.3053

Triad

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



26.7225, 0.3827, 0.2472



26.7225, 0.4062, 0.4977



26.7225, 0.1515, 0.2397

Complementary

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



26.7225, 0.3827, 0.2472



56.9284, 0.2776, 0.4335

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.



26.7225, 0.1732, 0.3249



26.7225, 0.3827, 0.2472



26.7225, 0.3170, 0.5075

Square

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



26.7225, 0.3827, 0.2472



26.7225, 0.4768, 0.4398



26.7225, 0.2314, 0.4361



26.7225, 0.1628, 0.1965

Rectangle

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



26.7225, 0.3827, 0.2472



26.7225, 0.5012, 0.3487



26.7225, 0.2314, 0.4361



26.7225, 0.1548, 0.2633

Sweetspot

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



26.7238, 0.3827, 0.2472



74.2521, 0.3275, 0.3044



19.9867, 0.2451, 0.1651



15.3274, 0.3296, 0.3014



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.



26.7238, 0.3827, 0.2472



30.5558, 0.4049, 0.2355



24.9493, 0.4703, 0.3177



13.8311, 0.3203, 0.3157



10.1540, 0.4653, 0.2337



0.7217, 0.4370, 0.2181

Inverse Universe

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



26.7238, 0.3827, 0.2472



30.5558, 0.4049, 0.2355



59.4529, 0.2466, 0.3429



13.8311, 0.3203, 0.3157



10.1540, 0.4653, 0.2337



0.7217, 0.4370, 0.2181

Previews

White Background



This preview shows how the Yxy color 26.7225, 0.3827, 0.2472 looks on a white background.

Color Contrast Check

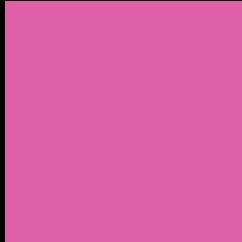
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7225, 0.3827, 0.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

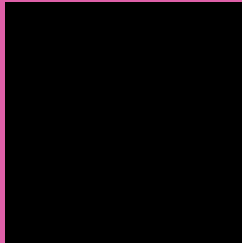
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7225, 0.3827, 0.2472

Background



This preview shows how black text looks on a background with the Yxy color 26.7225, 0.3827, 0.2472.



This preview shows how white text looks on a background with the Yxy color 26.7225, 0.3827, 0.2472.

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

26.7225, 0.3827, 0.2472

Protanopia

27.1648, 0.2479, 0.2405

Deuteranopia

26.8612, 0.2985, 0.2929



Tritanopia

26.7146, 0.4455, 0.3211

Trichromacy



Original Color

26.7225, 0.3827, 0.2472



Protanomaly

25.5197, 0.2872, 0.2381



Deuteranomaly

25.8449, 0.3269, 0.2705



Tritanomaly

26.6819, 0.4235, 0.2938

Monochromacy



Original Color

26.7225, 0.3827, 0.2472



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.5595, 0.3380, 0.2907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7225, 0.3827, 0.2472 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, 96, 168)` looks like.

```
.text, #text, p{  
    color:rgb(222, 96, 168)  
}
```

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, 96, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 96, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.7225, 0.3827, 0.2472 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, 96, 168) }
```

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

```
.border{ border-color:rgb(222, 96, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 96, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 96, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 96, 168);  
box-shadow:4px 4px 4px 4px rgb(222, 96,  
168) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.7225, 0.3827, 0.2472$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 96, 168) }
```

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

```
.background{ background-color: rgb(222, 96,  
168) }
```

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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