

Converting Colors

$Y_{xy}(26.7210, 0.3562, 0.2252)$

Have a look what the booklet for
Yxy(26.7210, 0.3562, 0.2252)
contains.

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Color

Yxy(26.6533, 0.3552, 0.2244)

Conversions

Conversions Part 1

Format	Color
Hex	DB5EBB
RGB	219, 94, 187
RGB Percent	86%, 37%, 73%
CMY	0.1411, 0.6314, 0.2667
CMYK	0.00, 0.57, 0.15, 0.14
HSL	315°, 63%, 61%
HSV	315°, 57%, 86%
XYZ	42.1892, 26.6533, 49.9334
YIQ	141.9770, 44.6470, 55.4230

Conversions

Conversions Part 2

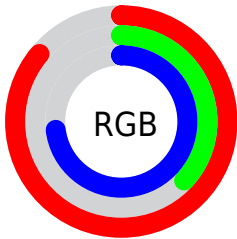
Format	Color
R _Y B	219, 94, 187
Decimal	14376635
CIE Lab	58.65, 59.63, -25.52
CIE LCh	59, 64.865, 336.830
Yxy	26.6533, 0.3552, 0.2244
Android (android.graphics.Color)	4292566715 (0xFFDB5EBB)
YUV	141.9770, 22.1963, 67.5492
Hunter-Lab	51.6268, 55.5223, -21.2064

Details

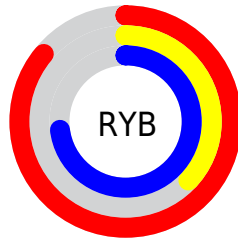
The Yxy color **26.6533, 0.3552, 0.2244** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **54.5579, 0.2888, 0.4672**, and the grayscale version is **26.9378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5438, 0.3275, 0.2375**, and **10.4424, 0.3655, 0.1950** is the 20% darker color. If you saturate the color by 10%, you get **23.0614, 0.3654, 0.2111**, and if you desaturate by 10%, it is **31.3619, 0.3456, 0.2407**.

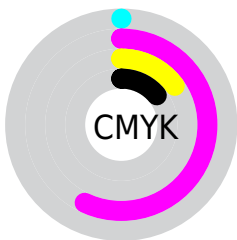
Distribution



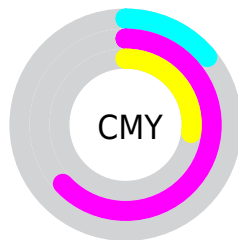
- Red (86%)
- Green (37%)
- Blue (73%)



- Red (86%)
- Yellow (37%)
- Blue (73%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6533, 0.3552, 0.2244 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 26.6533, 0.3552, 0.2244 by changing the saturation by 10% instead.


 26.6533, 0.3552,
0.2244


 26.6533, 0.3552,
0.2244


285.9745, 0.3344,
0.2762


 17.3130, 0.3602,
0.2118


 54.3270, 0.3478,
0.2430


 10.4579, 0.3664,
0.1959


 73.4292, 0.3450,
0.2501

 5.7036, 0.3743,
0.1752


 96.5542, 0.3426,
0.2561

 2.6657, 0.3847,
0.1477

 124.0864, 0.3405,
0.2612

 0.9598, 0.3983,
0.1101

156.4101, 0.3387,
0.2657

 0.0000, 0.4412,
0.0000

193.9098, 0.3371,


 0.0000, 0.3859,


0.2696

0.0000


236.9698, 0.3357,
0.2731


 0.0000, 0.0000,
0.0000

 26.6533, 0.3552,
0.2244


 26.6533, 0.3552,
0.2244

 23.0614, 0.3654,
0.2111


 31.3619, 0.3456,
0.2407


 20.4860, 0.3759,
0.2017

 37.2684, 0.3369,
0.2589


 18.8157, 0.3864,
0.1970

 44.4509, 0.3291,
0.2780

 17.9020, 0.3965,
0.1970

 52.9798, 0.3222,
0.2973

 17.7044, 0.3995,
0.1974

 62.9202, 0.3164,
0.3161

■ 74.3332, 0.3113,
0.3342

■ 87.2760, 0.3071,
0.3511

■ 92.4016, 0.3037,
0.3529

■ 92.7252, 0.3006,
0.3470

Harmonies

Analogous

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



26.6533, 0.2503, 0.1870



26.6533, 0.3552, 0.2244



26.6533, 0.4631, 0.2819

Triad

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



26.6533, 0.3552, 0.2244



26.6533, 0.4376, 0.4952



26.6533, 0.1414, 0.2522

Complementary

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



26.6533, 0.3552, 0.2244



54.5579, 0.2888, 0.4672

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.



26.6533, 0.1748, 0.3593



26.6533, 0.3552, 0.2244



26.6533, 0.3441, 0.5327

Square

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



26.6533, 0.3552, 0.2244



26.6533, 0.5057, 0.4231



26.6533, 0.2477, 0.4819



26.6533, 0.1439, 0.1940

Rectangle

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



26.6533, 0.3552, 0.2244



26.6533, 0.5097, 0.3265



26.6533, 0.2477, 0.4819



26.6533, 0.1482, 0.2827

Sweetspot

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



26.6546, 0.3552, 0.2244



74.6976, 0.3223, 0.2972



17.4982, 0.2260, 0.1564



15.4330, 0.3236, 0.2933



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.



26.6546, 0.3552, 0.2244



31.5093, 0.3680, 0.2083



24.5538, 0.4409, 0.2931



13.2149, 0.3177, 0.3118



10.5147, 0.3980, 0.1966



0.6949, 0.3827, 0.1882

Inverse Universe

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



26.6546, 0.3552, 0.2244



31.5093, 0.3680, 0.2083



56.6718, 0.2566, 0.3728



13.2149, 0.3177, 0.3118



10.5147, 0.3980, 0.1966



0.6949, 0.3827, 0.1882

Previews

White Background



This preview shows how the Yxy color 26.6533, 0.3552, 0.2244 looks on a white background.

Color Contrast Check

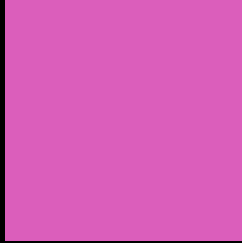
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6533, 0.3552, 0.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

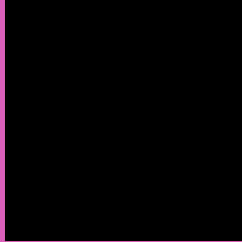
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6533, 0.3552, 0.2244

Background



This preview shows how black text looks on a background with the Yxy color 26.6533, 0.3552, 0.2244.



This preview shows how white text looks on a background with the Yxy color 26.6533, 0.3552, 0.2244.

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

26.6533, 0.3552, 0.2244

Protanopia

27.1187, 0.2248, 0.2104

Deuteranopia

26.9114, 0.2711, 0.2657



Tritanopia

26.6978, 0.4328, 0.3195

Trichromacy



Original Color

26.6533, 0.3552, 0.2244



Protanomaly

25.2534, 0.2598, 0.2105



Deuteranomaly

25.6918, 0.2982, 0.2443



Tritanomaly

26.5638, 0.4047, 0.2821

Monochromacy



Original Color

26.6533, 0.3552, 0.2244



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.6819, 0.3288, 0.2807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6533, 0.3552, 0.2244 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(219, 94, 187)` looks like.

```
.text, #text, p{  
    color:rgb(219, 94, 187)  
}
```

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(219, 94, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 94, 187) }
```

Border

The CSS property to change the border of an element to Yxy 26.6533, 0.3552, 0.2244 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(219, 94, 187) }
```

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

```
.border{ border-color:rgb(219, 94, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 94, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 94, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 94, 187);  
box-shadow:4px 4px 4px 4px rgb(219, 94,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6533, 0.3552, 0.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 94, 187) }
```

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

```
.background{ background-color: rgb(219, 94,  
187) }
```

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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