

Converting Colors

$Y_{xy}(26.6932, 0.3741, 0.2217)$

Have a look what the booklet for
Yxy(26.6932, 0.3741, 0.2217)
contains.

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Color

Yxy(26.6932, 0.3741, 0.2217)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E852B9 |
| RGB | 232, 82, 185 |
| RGB Percent | 91%, 32%, 73% |
| CMY | 0.0903, 0.6782, 0.2746 |
| CMYK | 0.00, 0.65, 0.20, 0.09 |
| HSL | 319°, 76%, 62% |
| HSV | 319°, 65%, 91% |
| XYZ | 45.0425, 26.6932, 48.6666 |
| YIQ | 138.5920, 56.3370, 63.8330 |

Conversions

Conversions Part 2

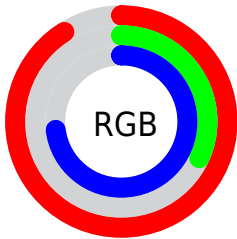
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 82, 185 |
| Decimal | 15225529 |
| CIE _{Lab} | 58.69, 67.88, -24.14 |
| CIE _{LCh} | 59, 72.049, 340.423 |
| Yxy | 26.6932, 0.3741, 0.2217 |
| Android (android.graphics.Color) | 4293415609 (0xFFE852B9) |
| YUV | 138.5920, 22.8791, 81.9188 |
| Hunter-Lab | 51.6655, 65.2037, -19.6828 |

Details

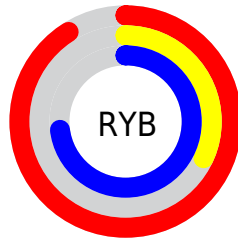
The Yxy color **26.6932, 0.3741, 0.2217** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **61.0751, 0.2835, 0.4770**, and the grayscale version is **25.5555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3670, 0.3300, 0.2301**, and **10.5502, 0.3913, 0.1929** is the 20% darker color. If you saturate the color by 10%, you get **23.4659, 0.3875, 0.2123**, and if you desaturate by 10%, it is **31.1210, 0.3614, 0.2349**.

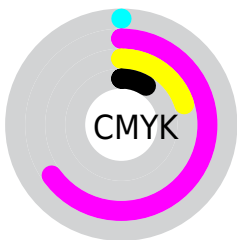
Distribution



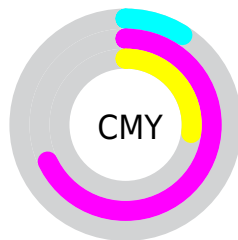
- Red (91%)
- Green (32%)
- Blue (73%)



- Red (91%)
- Yellow (32%)
- Blue (73%)



- Cyan (0%)
- Magenta (65%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (68%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6932, 0.3741, 0.2217 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 26.6932, 0.3741, 0.2217 by changing the saturation by 10% instead.


 26.6932, 0.3741,
0.2217


 26.6932, 0.3741,
0.2217


286.1686, 0.3433,
0.2747


 17.3429, 0.3817,
0.2089


 54.3912, 0.3629,
0.2407


 10.4793, 0.3914,
0.1927


 73.5076, 0.3588,
0.2479

 5.7179, 0.4041,
0.1719


 96.6483, 0.3552,
0.2540

 2.6743, 0.4214,
0.1442

 124.1976, 0.3521,
0.2593

 0.9642, 0.4459,
0.1068

156.5399, 0.3495,
0.2639

 0.0000, 0.5104,
0.0000

194.0595, 0.3472,

 0.0000, 0.5901,

0.2679

0.0000

237.1410, 0.3452,
0.2715

■ 0.0000, 0.0000,
0.0000

■ 26.6932, 0.3741,
0.2217

■ 26.6932, 0.3741,
0.2217

■ 23.4659, 0.3875,
0.2123

■ 31.1210, 0.3614,
0.2349

■ 21.3101, 0.4011,
0.2075

■ 36.8528, 0.3497,
0.2507


■ 20.0746, 0.4144,
0.2078


■ 43.9854, 0.3392,
0.2680


■ 19.6622, 0.4214,
0.2095


■ 52.6056, 0.3301,
0.2860

■ 62.7926, 0.3222,
0.3039

 74.6205, 0.3155,
0.3213

 88.1582, 0.3098,
0.3377

 95.1493, 0.3053,
0.3408

 95.5977, 0.3013,
0.3335

Harmonies

Analogous

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



26.6932, 0.2556, 0.1791



26.6932, 0.3741, 0.2217



26.6932, 0.4909, 0.2843

Triad

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



26.6932, 0.3741, 0.2217



26.6932, 0.4331, 0.5158



26.6932, 0.1263, 0.2326

Complementary

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



26.6932, 0.3741, 0.2217



61.0751, 0.2835, 0.4770

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.



26.6932, 0.1552, 0.3442



26.6932, 0.3741, 0.2217



26.6932, 0.3299, 0.5556

Square

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



26.6932, 0.3741, 0.2217



26.6932, 0.5143, 0.4356



26.6932, 0.2277, 0.4875



26.6932, 0.1336, 0.1776

Rectangle

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



26.6932, 0.3741, 0.2217



26.6932, 0.5353, 0.3317



26.6932, 0.2277, 0.4875



26.6932, 0.1314, 0.2631

Sweetspot

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



26.6945, 0.3741, 0.2217



71.9482, 0.3256, 0.2960



16.3810, 0.2180, 0.1356



14.6340, 0.3279, 0.2908



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.



26.6945, 0.3741, 0.2217



27.9333, 0.3926, 0.2099



24.3632, 0.4808, 0.2987



14.5343, 0.3186, 0.3130



10.9432, 0.4194, 0.2084



0.8253, 0.4015, 0.1985

Inverse Universe

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



26.6945, 0.3741, 0.2217



27.9333, 0.3926, 0.2099



63.7526, 0.2490, 0.3693



14.5343, 0.3186, 0.3130



10.9432, 0.4194, 0.2084



0.8253, 0.4015, 0.1985

Previews

White Background



This preview shows how the Yxy color 26.6932, 0.3741, 0.2217 looks on a white background.

Color Contrast Check

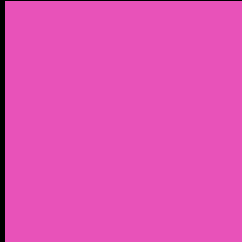
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6932, 0.3741, 0.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

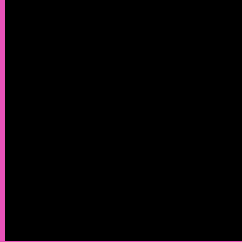
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6932, 0.3741, 0.2217

Background



This preview shows how black text looks on a background with the Yxy color 26.6932, 0.3741, 0.2217.



This preview shows how white text looks on a background with the Yxy color 26.6932, 0.3741, 0.2217.

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

26.6932, 0.3741, 0.2217

Protanopia

27.1866, 0.2183, 0.2024

Deuteranopia

26.9182, 0.2763, 0.2715



Tritanopia

26.6144, 0.4660, 0.3216

Trichromacy



Original Color

26.6932, 0.3741, 0.2217



Protanomaly

24.4364, 0.2579, 0.2005



Deuteranomaly

24.9822, 0.3088, 0.2439



Tritanomaly

26.4845, 0.4332, 0.2826

Monochromacy



Original Color

26.6932, 0.3741, 0.2217



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2414, 0.3357, 0.2739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6932, 0.3741, 0.2217 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(232, 82, 185)` looks like.

```
.text, #text, p{  
    color:rgb(232, 82, 185)  
}
```

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(232, 82, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 82, 185) }
```

Border

The CSS property to change the border of an element to Yxy 26.6932, 0.3741, 0.2217 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(232, 82, 185) }
```

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

```
.border{ border-color:rgb(232, 82, 185) }
```

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

Here you see how a box with a 4 pixel rgb(232, 82, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 82, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 82, 185);  
box-shadow:4px 4px 4px 4px rgb(232, 82,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6932, 0.3741, 0.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 82, 185) }
```

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

```
.background{ background-color: rgb(232, 82,  
185) }
```

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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