

Converting Colors

Yxy(26.9836, 0.3923, 0.2339)

Have a look what the booklet for
Yxy(26.9836, 0.3923, 0.2339)
contains.

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Color

Yxy(27.0754, 0.3932, 0.2349)

Conversions

Conversions Part 1

Format	Color
Hex	EC53AE
RGB	236, 83, 174
RGB Percent	93%, 33%, 68%
CMY	0.0745, 0.6744, 0.3178
CMYK	0.00, 0.65, 0.26, 0.07
HSL	324°, 80%, 63%
HSV	324°, 65%, 93%
XYZ	45.3216, 27.0754, 42.8665
YIQ	139.1210, 61.9770, 60.7370

Conversions

Conversions Part 2

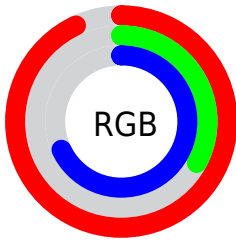
Format	Color
R _{YB}	236, 83, 174
Decimal	15487918
CIE Lab	59.04, 67.16, -17.20
CIE LCh	59, 69.325, 345.638
Yxy	27.0754, 0.3932, 0.2349
Android (android.graphics.Color)	4293677998 (0xFFEC53AE)
YUV	139.1210, 17.1953, 84.9629
Hunter-Lab	52.0340, 64.4139, -12.4203

Details

The Yxy color **27.0754, 0.3932, 0.2349** 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 **63.8737, 0.2770, 0.4574**, and the grayscale version is **25.7853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0229, 0.3399, 0.2405**, and **10.6540, 0.4188, 0.2087** is the 20% darker color. If you saturate the color by 10%, you get **23.6985, 0.4117, 0.2274**, and if you desaturate by 10%, it is **31.7101, 0.3759, 0.2462**.

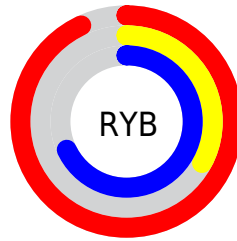
Distribution



Red (93%)

Green (33%)

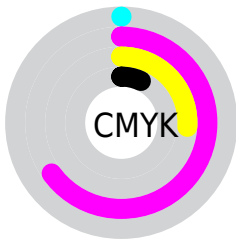
Blue (68%)



Red (93%)

Yellow (33%)

Blue (68%)

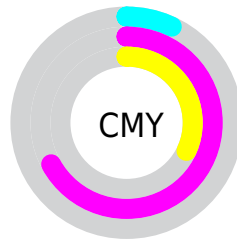


Cyan (0%)

Magenta (65%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (67%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0754, 0.3932, 0.2349 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 27.0754, 0.3932, 0.2349 by changing the saturation by 10% instead.

 27.0754, 0.3932,
0.2349


 27.0754, 0.3932,
0.2349


288.0220, 0.3515,
0.2821


 17.6299, 0.4040,
0.2232


 55.0048, 0.3777,
0.2520


 10.6846, 0.4181,
0.2082


 74.2575, 0.3720,
0.2585

 5.8552, 0.4371,
0.1886


 97.5480, 0.3672,
0.2640

 2.7572, 0.4641,
0.1620

 125.2608, 0.3632,
0.2686

 1.0063, 0.5050,
0.1245

157.7802, 0.3596,
0.2727

 0.0000, 0.6156,
0.0000

195.4906, 0.3566,

 0.0000, 1.0000,

0.2762

0.0000

238.7764, 0.3539,
0.2794

■ 0.0000, 0.0000,
0.0000

■ 27.0754, 0.3932,
0.2349

■ 27.0754, 0.3932,
0.2349

■ 23.6985, 0.4117,
0.2274

■ 31.7101, 0.3759,
0.2462

■ 21.4440, 0.4307,
0.2246

■ 37.7113, 0.3603,
0.2601


■ 20.1529, 0.4494,
0.2272

■ 45.1805, 0.3466,
0.2754


■ 19.7345, 0.4589,
0.2301


■ 54.2085, 0.3347,
0.2912

■ 64.8785, 0.3247,
0.3069

 77.2680, 0.3163,
0.3220

 91.4494, 0.3092,
0.3363

 96.2868, 0.3036,
0.3334

 96.5720, 0.3011,
0.3290

Harmonies

Analogous

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



27.0754, 0.2758, 0.1892



27.0754, 0.3932, 0.2349



27.0754, 0.4980, 0.2984

Triad

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



27.0754, 0.3932, 0.2349



27.0754, 0.4144, 0.5212



27.0754, 0.1308, 0.2240

Complementary

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



27.0754, 0.3932, 0.2349



63.8737, 0.2770, 0.4574

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.



27.0754, 0.1529, 0.3218



27.0754, 0.3932, 0.2349



27.0754, 0.3131, 0.5425

Square

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



27.0754, 0.3932, 0.2349



27.0754, 0.4976, 0.4482



27.0754, 0.2166, 0.4581



27.0754, 0.1435, 0.1778

Rectangle

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



27.0754, 0.3932, 0.2349



27.0754, 0.5319, 0.3457



27.0754, 0.2166, 0.4581



27.0754, 0.1340, 0.2503

Sweetspot

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



27.0768, 0.3932, 0.2349



71.6866, 0.3288, 0.3003



18.1941, 0.2303, 0.1408



14.5706, 0.3317, 0.2957



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.



27.0768, 0.3932, 0.2349



27.1679, 0.4183, 0.2258



24.9098, 0.5041, 0.3147



15.2044, 0.3200, 0.3151



10.9049, 0.4560, 0.2286



0.8753, 0.4322, 0.2155

Inverse Universe

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



27.0768, 0.3932, 0.2349



27.1679, 0.4183, 0.2258



67.0323, 0.2422, 0.3486



15.2044, 0.3200, 0.3151



10.9049, 0.4560, 0.2286



0.8753, 0.4322, 0.2155

Previews

White Background



This preview shows how the Yxy color 27.0754, 0.3932, 0.2349 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 27.0754, 0.3932, 0.2349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

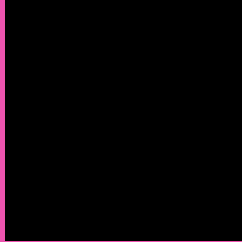
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0754, 0.3932, 0.2349

Background



This preview shows how black text looks on a background with the Yxy color 27.0754, 0.3932, 0.2349.



This preview shows how white text looks on a background with the Yxy color 27.0754, 0.3932, 0.2349.

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

27.0754, 0.3932, 0.2349

Protanopia

27.4270, 0.2316, 0.2192

Deuteranopia

27.2382, 0.2929, 0.2870



Tritanopia

26.9989, 0.4751, 0.3219

Trichromacy



Original Color

27.0754, 0.3932, 0.2349



Protanomaly

24.8843, 0.2753, 0.2165



Deuteranomaly

25.5232, 0.3264, 0.2594



Tritanomaly

26.7999, 0.4466, 0.2893

Monochromacy



Original Color

27.0754, 0.3932, 0.2349



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.4593, 0.3415, 0.2810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0754, 0.3932, 0.2349 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(236, 83, 174)` looks like.

```
.text, #text, p{  
    color:rgb(236, 83, 174)  
}
```

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(236, 83, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 83, 174) }
```

Border

The CSS property to change the border of an element to Yxy 27.0754, 0.3932, 0.2349 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(236, 83, 174) }
```

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

```
.border{ border-color:rgb(236, 83, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 83, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 83, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 83, 174);  
box-shadow:4px 4px 4px 4px rgb(236, 83,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0754, 0.3932, 0.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 83, 174) }
```

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

```
.background{ background-color: rgb(236, 83,  
174) }
```

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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