

Converting Colors

$Y_{xy}(26.2688, 0.4206, 0.2593)$

Have a look what the booklet for
Yxy(26.2688, 0.4206, 0.2593)
contains.

Yxy(26.2462, 0.4202, 0.2589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.2462, 0.4202, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	E95698
RGB	233, 86, 152
RGB Percent	91%, 34%, 60%
CMY	0.0863, 0.6627, 0.4039
CMYK	0.00, 0.63, 0.35, 0.09
HSL	333°, 77%, 63%
HSV	333°, 63%, 91%
XYZ	42.5981, 26.2462, 32.5315
YIQ	137.4770, 66.4260, 51.6900

Conversions

Conversions Part 2

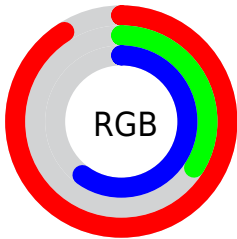
Format	Color
R_{YB}	233, 86, 152
Decimal	15292056
CIE _{Lab}	58.27, 62.51, -5.65
CIE _{LCh}	58, 62.763, 354.833
Yxy	26.2462, 0.4202, 0.2589
Android (android.graphics.Color)	4293482136 (0xFFE95698)
YUV	137.4770, 7.1598, 83.7737
Hunter-Lab	51.2310, 58.7667, -1.7872

Details

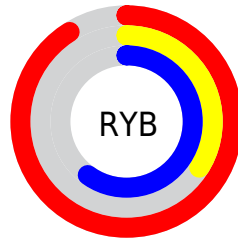
The Yxy color **26.2462, 0.4202, 0.2589** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **63.0418, 0.2670, 0.4214**, and the grayscale version is **25.1623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3612, 0.3628, 0.2646**, and **10.2247, 0.4574, 0.2364** is the 20% darker color. If you saturate the color by 10%, you get **22.7150, 0.4472, 0.2537**, and if you desaturate by 10%, it is **31.0378, 0.3955, 0.2675**.

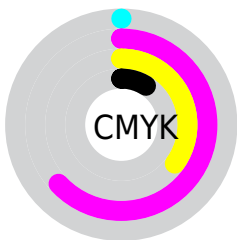
Distribution



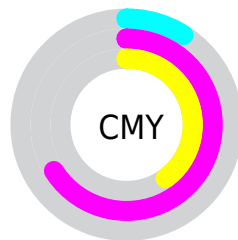
- Red (91%)
- Green (34%)
- Blue (60%)



- Red (91%)
- Yellow (34%)
- Blue (60%)



- Cyan (0%)
- Magenta (63%)
- Yellow (35%)
- Black (9%)





- Cyan (9%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2462, 0.4202, 0.2589 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 26.2462, 0.4202, 0.2589 by changing the saturation by 10% instead.


 26.2462, 0.4202,
0.2589


 26.2462, 0.4202,
0.2589


283.9886, 0.3624,
0.2958


 17.0079, 0.4360,
0.2491


 53.6719, 0.3982,
0.2727


 10.2401, 0.4570,
0.2363


 72.6280, 0.3903,
0.2778

 5.5585, 0.4863,
0.2187


 95.5923, 0.3836,
0.2821

 2.5785, 0.5297,
0.1934

 122.9490, 0.3781,
0.2856

 0.9159, 0.5992,
0.1546

155.0826, 0.3733,
0.2887

 0.0000, 0.8860,
0.0000

192.3775, 0.3692,


 0.0000, 1.0000,

0.2914


0.0000

235.2180, 0.3656,
0.2938


 0.0000, 0.0000,
0.0000


 26.2462, 0.4202,
0.2589


 26.2462, 0.4202,
0.2589


 22.7150, 0.4472,
0.2537


 31.0378, 0.3955,
0.2675


 20.3158, 0.4754,
0.2533


 37.1934, 0.3737,
0.2783

 18.8998, 0.5029,
0.2583

 44.8105, 0.3551,
0.2902

 18.3343, 0.5209,
0.2643

 53.9764, 0.3394,
0.3024

 64.7715, 0.3264,
0.3143

■ 77.2707, 0.3156,
0.3256

■ 91.5442, 0.3068,
0.3363

■ 96.0434, 0.2995,
0.3292

■ 96.0621, 0.2993,
0.3290

Harmonies

Analogous

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



26.2462, 0.3106, 0.2092



26.2462, 0.4202, 0.2589



26.2462, 0.5013, 0.3227

Triad

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



26.2462, 0.4202, 0.2589



26.2462, 0.3824, 0.5206



26.2462, 0.1425, 0.2148

Complementary

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



26.2462, 0.4202, 0.2589



63.0418, 0.2670, 0.4214

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.



26.2462, 0.1536, 0.2909



26.2462, 0.4202, 0.2589



26.2462, 0.2864, 0.5088

Square

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



26.2462, 0.4202, 0.2589



26.2462, 0.4664, 0.4656



26.2462, 0.2025, 0.4088



26.2462, 0.1641, 0.1822

Rectangle

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



26.2462, 0.4202, 0.2589



26.2462, 0.5183, 0.3690



26.2462, 0.2025, 0.4088



26.2462, 0.1424, 0.2348

Sweetspot

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



26.2476, 0.4202, 0.2589



71.2863, 0.3339, 0.3072



20.7401, 0.2533, 0.1548



14.4739, 0.3378, 0.3037



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.



26.2476, 0.4202, 0.2589



26.7640, 0.4565, 0.2530



25.8871, 0.5104, 0.3368



15.1665, 0.3222, 0.3185



10.4283, 0.5171, 0.2623



0.8380, 0.4831, 0.2435

Inverse Universe

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



26.2476, 0.4202, 0.2589



26.7640, 0.4565, 0.2530



62.0602, 0.2348, 0.3193



15.1665, 0.3222, 0.3185



10.4283, 0.5171, 0.2623



0.8380, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 26.2462, 0.4202, 0.2589 looks on a white background.

Color Contrast Check

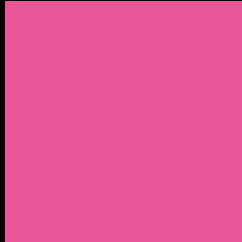
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2462, 0.4202, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

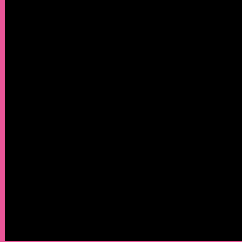
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2462, 0.4202, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 26.2462, 0.4202, 0.2589.



This preview shows how white text looks on a background with the Yxy color 26.2462, 0.4202, 0.2589.

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

26.2462, 0.4202, 0.2589

Protanopia

26.5651, 0.2586, 0.2548

Deuteranopia

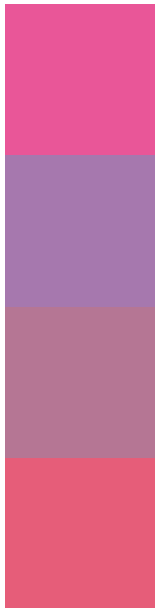
26.3281, 0.3212, 0.3148



Tritanopia

26.1867, 0.4816, 0.3231

Trichromacy



Original Color

26.2462, 0.4202, 0.2589

Protanomaly

24.5959, 0.3073, 0.2513

Deuteranomaly

24.9187, 0.3549, 0.2864

Tritanomaly

26.0322, 0.4596, 0.2991

Monochromacy



Original Color

26.2462, 0.4202, 0.2589

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.6805, 0.3515, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2462, 0.4202, 0.2589 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(233, 86, 152)` looks like.

```
.text, #text, p{  
  color:rgb(233, 86, 152)  
}
```

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(233, 86, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 86, 152) }
```

Border

The CSS property to change the border of an element to Yxy 26.2462, 0.4202, 0.2589 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(233, 86, 152) }
```

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

```
.border{ border-color:rgb(233, 86, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 86, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 86, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 86, 152);  
box-shadow:4px 4px 4px 4px rgb(233, 86,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2462, 0.4202, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 86, 152) }
```

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

```
.background{ background-color: rgb(233, 86,  
152) }
```

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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