

Converting Colors

$Y_{xy}(28.6407, 0.4198, 0.2643)$

Have a look what the booklet for
Yxy(28.6407, 0.4198, 0.2643)
contains.

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Color

Yxy(28.5460, 0.4202, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	EF5D9B
RGB	239, 93, 155
RGB Percent	94%, 36%, 61%
CMY	0.0629, 0.6351, 0.3922
CMYK	0.00, 0.61, 0.35, 0.06
HSL	335°, 82%, 65%
HSV	335°, 61%, 94%
XYZ	45.4185, 28.5460, 34.1233
YIQ	143.7220, 67.1140, 50.2340

Conversions

Conversions Part 2

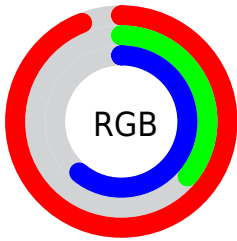
Format	Color
R _Y B	239, 93, 155
Decimal	15687067
CIE Lab	60.38, 61.68, -4.16
CIE LCh	60, 61.823, 356.139
Yxy	28.5460, 0.4202, 0.2641
Android (android.graphics.Color)	4293877147 (0xFFEF5D9B)
YUV	143.7220, 5.5601, 83.5588
Hunter-Lab	53.4285, 58.2396, -0.4670

Details

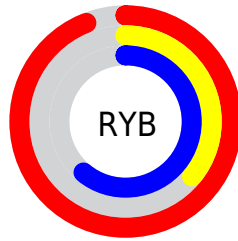
The Yxy color **28.5460, 0.4202, 0.2641** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **67.2178, 0.2660, 0.4128**, and the grayscale version is **27.7349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6761, 0.3586, 0.2686**, and **11.5117, 0.4562, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **24.5495, 0.4484, 0.2587**, and if you desaturate by 10%, it is **33.9084, 0.3947, 0.2727**.

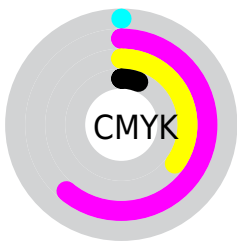
Distribution



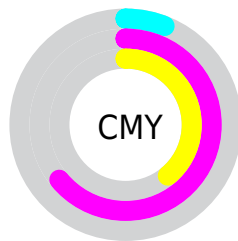
- Red (94%)
- Green (36%)
- Blue (61%)



- Red (94%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5460, 0.4202, 0.2641 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 28.5460, 0.4202, 0.2641 by changing the saturation by 10% instead.


 28.5460, 0.4202,
0.2641

 28.5460, 0.4202,
0.2641


295.0668, 0.3629,
0.2981


 18.7376, 0.4356,
0.2552


 57.3550, 0.3986,
0.2768


 11.4809, 0.4560,
0.2434


 77.1244, 0.3907,
0.2815

 6.3912, 0.4843,
0.2274


 100.9830, 0.3841,
0.2854

 3.0844, 0.5256,
0.2044

 129.3151, 0.3786,
0.2887

 1.1760, 0.5908,
0.1694

162.5051, 0.3738,
0.2916

 0.0419, 0.8230,
0.0196

200.9375, 0.3697,

 0.0000, 1.0000,

0.2940

0.0000

244.9966, 0.3661,
0.2962

■ 0.0000, 0.0000,
0.0000

■ 28.5460, 0.4202,
0.2641

■ 28.5460, 0.4202,
0.2641

■ 24.5495, 0.4484,
0.2587

■ 33.9084, 0.3947,
0.2727

■ 21.7859, 0.4780,
0.2578

■ 40.7444, 0.3724,
0.2832


■ 20.1033, 0.5072,
0.2622

■ 49.1558, 0.3534,
0.2945


■ 19.2934, 0.5316,
0.2702

■ 59.2341, 0.3376,
0.3061

■ 71.0638, 0.3245,
0.3173

 84.7235, 0.3137,
0.3279

 96.8460, 0.3050,
0.3327

 97.0849, 0.3029,
0.3290

Harmonies

Analogous

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



28.5460, 0.3154, 0.2149



28.5460, 0.4202, 0.2641



28.5460, 0.4957, 0.3268

Triad

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



28.5460, 0.4202, 0.2641



28.5460, 0.3773, 0.5143



28.5460, 0.1481, 0.2171

Complementary

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



28.5460, 0.4202, 0.2641



67.2178, 0.2660, 0.4128

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.



28.5460, 0.1579, 0.2890



28.5460, 0.4202, 0.2641



28.5460, 0.2844, 0.4975

Square

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



28.5460, 0.4202, 0.2641



28.5460, 0.4589, 0.4650



28.5460, 0.2041, 0.4002



28.5460, 0.1706, 0.1865

Rectangle

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



28.5460, 0.4202, 0.2641



28.5460, 0.5105, 0.3722



28.5460, 0.2041, 0.4002



28.5460, 0.1477, 0.2360

Sweetspot

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



28.5475, 0.4202, 0.2641



72.5441, 0.3334, 0.3095



23.2653, 0.2579, 0.1607



14.7153, 0.3375, 0.3062



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.



28.5475, 0.4202, 0.2641



27.6321, 0.4548, 0.2581



28.7910, 0.4995, 0.3392



15.8702, 0.3227, 0.3190



10.6903, 0.5276, 0.2680



0.9088, 0.4939, 0.2495

Inverse Universe

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



28.5475, 0.4202, 0.2641



27.6321, 0.4548, 0.2581



64.7301, 0.2356, 0.3165



15.8702, 0.3227, 0.3190



10.6903, 0.5276, 0.2680



0.9088, 0.4939, 0.2495

Previews

White Background



This preview shows how the Yxy color 28.5460, 0.4202, 0.2641 looks on a white background.

Color Contrast Check

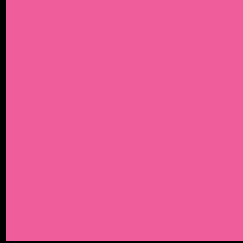
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5460, 0.4202, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

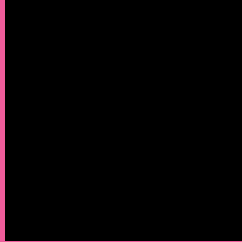
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5460, 0.4202, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 28.5460, 0.4202, 0.2641.



This preview shows how white text looks on a background with the Yxy color 28.5460, 0.4202, 0.2641.

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

28.5460, 0.4202, 0.2641

Protanopia

28.7283, 0.2656, 0.2627

Deuteranopia

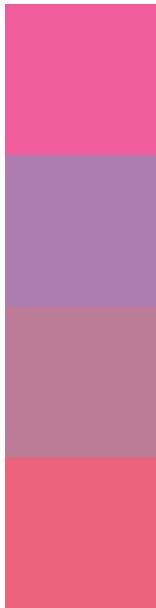
28.5588, 0.3251, 0.3183



Tritanopia

28.4885, 0.4740, 0.3221

Trichromacy



Original Color

28.5460, 0.4202, 0.2641

Protanomaly

26.6861, 0.3128, 0.2576

Deuteranomaly

27.3410, 0.3580, 0.2919

Tritanomaly

28.2629, 0.4554, 0.3006

Monochromacy



Original Color

28.5460, 0.4202, 0.2641

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.3891, 0.3509, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5460, 0.4202, 0.2641 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(239, 93, 155)` looks like.

```
.text, #text, p{  
    color:rgb(239, 93, 155)  
}
```

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(239, 93, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 93, 155) }
```

Border

The CSS property to change the border of an element to Yxy 28.5460, 0.4202, 0.2641 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(239, 93, 155) }
```

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

```
.border{ border-color:rgb(239, 93, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 93, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 93, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 93, 155);  
box-shadow:4px 4px 4px 4px rgb(239, 93,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5460, 0.4202, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 93, 155) }
```

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

```
.background{ background-color: rgb(239, 93,  
155) }
```

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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