

Converting Colors

$Y_{xy}(28.1233, 0.4337, 0.2788)$

Have a look what the booklet for
Yxy(28.1233, 0.4337, 0.2788)
contains.

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Color

Yxy(28.0005, 0.4332, 0.2780)

Conversions

Conversions Part 1

Format	Color
Hex	EC5F8F
RGB	236, 95, 143
RGB Percent	93%, 37%, 56%
CMY	0.0747, 0.6273, 0.4392
CMYK	0.00, 0.60, 0.39, 0.07
HSL	340°, 79%, 65%
HSV	340°, 60%, 93%
XYZ	43.6324, 28.0005, 29.0883
YIQ	142.6310, 68.6280, 44.8200

Conversions

Conversions Part 2

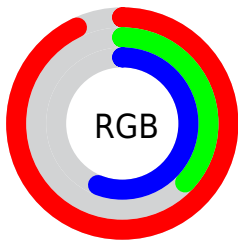
Format	Color
RYB	236, 95, 143
Decimal	15490959
CIELab	59.89, 58.60, 2.03
CIElCh	60, 58.636, 1.987
Yxy	28.0005, 0.4332, 0.2780
Android (android.graphics.Color)	4293681039 (0xFFEC5F8F)
YUV	142.6310, 0.1819, 81.8846
Hunter-Lab	52.9155, 54.5833, 4.4484

Details

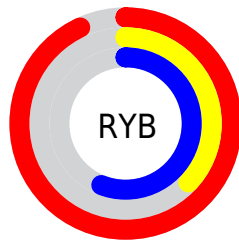
The Yxy color **28.0005, 0.4332, 0.2780** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **66.0360, 0.2609, 0.3934**, and the grayscale version is **27.2979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4244, 0.3702, 0.2815**, and **11.2225, 0.4747, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **23.9337, 0.4662, 0.2740**, and if you desaturate by 10%, it is **33.4229, 0.4036, 0.2849**.

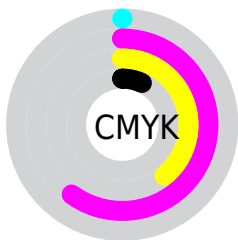
Distribution



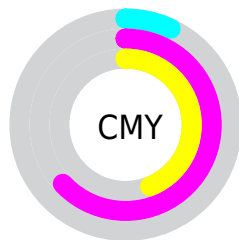
- Red (93%)
- Green (37%)
- Blue (56%)



- Red (93%)
- Yellow (37%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (39%)
- Black (7%)




- Cyan (7%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0005, 0.4332, 0.2780 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 28.0005, 0.4332, 0.2780 by changing the saturation by 10% instead.


 28.0005, 0.4332,
0.2780


 28.0005, 0.4332,
0.2780


292.4693, 0.3682,
0.3058


 18.3260, 0.4510,
0.2703


 56.4852, 0.4084,
0.2887


 11.1843, 0.4747,
0.2599


 76.0643, 0.3995,
0.2925

 6.1909, 0.5078,
0.2453


 99.7137, 0.3920,
0.2957

 2.9615, 0.5566,
0.2234

 127.8178, 0.3858,
0.2984

 1.1117, 0.6340,
0.1880

160.7610, 0.3804,
0.3007

 0.0000, 1.0000,
0.0000

198.9278, 0.3758,

 0.0000, 0.0000,

0.3026

0.0000

242.7024, 0.3717,
0.3043

■ 28.0005, 0.4332,
0.2780

■ 28.0005, 0.4332,
0.2780

■ 23.9337, 0.4662,
0.2740

■ 33.4229, 0.4036,
0.2849

■ 21.0950, 0.5008,
0.2741

■ 40.3043, 0.3780,
0.2933

■ 19.3402, 0.5345,
0.2791

■ 48.7430, 0.3566,
0.3025

■ 18.4307, 0.5645,
0.2885

■ 58.8276, 0.3388,
0.3118

■ 18.4098, 0.5653,
0.2888

■ 70.6398, 0.3243,
0.3208

 84.2560, 0.3124,
0.3292

 96.3725, 0.3028,
0.3320

 96.5664, 0.3011,
0.3290

Harmonies

Analogous

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



28.0005, 0.3350, 0.2269



28.0005, 0.4332, 0.2780



28.0005, 0.4949, 0.3406

Triad

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



28.0005, 0.4332, 0.2780



28.0005, 0.3588, 0.5092



28.0005, 0.1557, 0.2132

Complementary

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



28.0005, 0.4332, 0.2780



66.0360, 0.2609, 0.3934

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.



28.0005, 0.1591, 0.2745



28.0005, 0.4332, 0.2780



28.0005, 0.2696, 0.4756

Square

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



28.0005, 0.4332, 0.2780



28.0005, 0.4408, 0.4726



28.0005, 0.1972, 0.3751



28.0005, 0.1836, 0.1896

Rectangle

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



28.0005, 0.4332, 0.2780



28.0005, 0.5012, 0.3852



28.0005, 0.1972, 0.3751



28.0005, 0.1533, 0.2290

Sweetspot

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



28.0020, 0.4332, 0.2780



72.3308, 0.3362, 0.3133



24.7662, 0.2707, 0.1691



14.6637, 0.3409, 0.3106



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.



28.0020, 0.4332, 0.2780



27.5351, 0.4750, 0.2736



31.1865, 0.4838, 0.3516



15.1386, 0.3239, 0.3210



10.1733, 0.5611, 0.2865



0.8163, 0.5223, 0.2651

Inverse Universe

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



28.0020, 0.4332, 0.2780



27.5351, 0.4750, 0.2736



57.0009, 0.2333, 0.3014



15.1386, 0.3239, 0.3210



10.1733, 0.5611, 0.2865



0.8163, 0.5223, 0.2651

Previews

White Background



This preview shows how the Yxy color 28.0005, 0.4332, 0.2780 looks on a white background.

Color Contrast Check

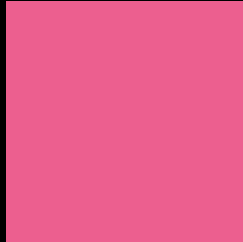
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0005, 0.4332, 0.2780 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 28.0005, 0.4332, 0.2780

Background



This preview shows how black text looks on a background with the Yxy color 28.0005, 0.4332, 0.2780.



This preview shows how white text looks on a background with the Yxy color 28.0005, 0.4332, 0.2780.

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

28.0005, 0.4332, 0.2780

Protanopia

28.1124, 0.2819, 0.2839

Deuteranopia

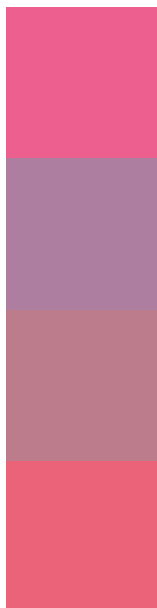
28.2151, 0.3413, 0.3352



Tritanopia

27.9305, 0.4740, 0.3220

Trichromacy



Original Color

28.0005, 0.4332, 0.2780

Protanomaly

26.4936, 0.3299, 0.2788

Deuteranomaly

27.0982, 0.3739, 0.3084

Tritanomaly

27.7966, 0.4604, 0.3058

Monochromacy



Original Color

28.0005, 0.4332, 0.2780

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.2520, 0.3542, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0005, 0.4332, 0.2780 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, 95, 143)` looks like.

```
.text, #text, p{  
    color:rgb(236, 95, 143)  
}
```

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, 95, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 95, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.0005, 0.4332, 0.2780 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, 95, 143) }
```

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

```
.border{ border-color:rgb(236, 95, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 95, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 95, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 95, 143);  
box-shadow:4px 4px 4px 4px rgb(236, 95,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0005, 0.4332, 0.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 95, 143) }
```

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

```
.background{ background-color: rgb(236, 95,  
143) }
```

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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