

Converting Colors

$Y_{xy}(31.0985, 0.4303, 0.2996)$

Have a look what the booklet for
Yxy(31.0985, 0.4303, 0.2996)
contains.

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Color

Yxy(31.1146, 0.4303, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	EB708B
RGB	235, 112, 139
RGB Percent	92%, 44%, 55%
CMY	0.0786, 0.5606, 0.4550
CMYK	0.00, 0.52, 0.41, 0.08
HSL	347°, 75%, 68%
HSV	347°, 52%, 92%
XYZ	44.7032, 31.1146, 28.0707
YIQ	151.8550, 64.6410, 34.4730

Conversions

Conversions Part 2

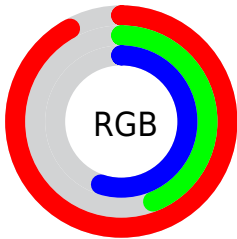
Format	Color
R _Y B	235, 112, 139
Decimal	15429771
CIE Lab	62.60, 50.03, 8.23
CIE LCh	63, 50.701, 9.347
Yxy	31.1146, 0.4303, 0.2995
Android (android.graphics.Color)	4293619851 (0xFFEB708B)
YUV	151.8550, -6.3375, 72.9182
Hunter-Lab	55.7805, 45.4365, 9.2095

Details

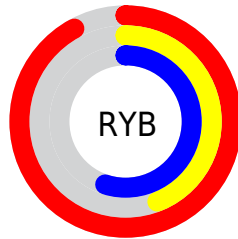
The Yxy color **31.1146, 0.4303, 0.2995** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **67.3924, 0.2577, 0.3636**, and the grayscale version is **31.3449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7032, 0.3713, 0.3030**, and **12.8613, 0.4699, 0.2878** is the 20% darker color. If you saturate the color by 10%, you get **26.0960, 0.4675, 0.2961**, and if you desaturate by 10%, it is **37.5790, 0.3979, 0.3046**.

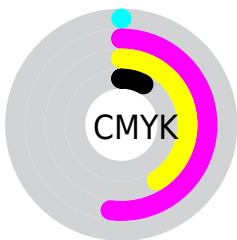
Distribution



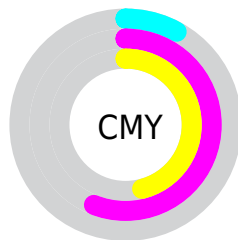
- Red (92%)
- Green (44%)
- Blue (55%)



- Red (92%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (52%)
- Yellow (41%)
- Black (8%)





- Cyan (8%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1146, 0.4303, 0.2995 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 31.1146, 0.4303, 0.2995 by changing the saturation by 10% instead.


 31.1146, 0.4303,
0.2995


 31.1146, 0.4303,
0.2995


307.0659, 0.3673,
0.3165

 20.6861, 0.4473,
0.2945


 61.4205, 0.4064,
0.3062

 12.8948, 0.4699,
0.2875


 82.0666, 0.3978,
0.3086

 7.3561, 0.5012,
0.2774


 106.8875, 0.3906,
0.3105

 3.6858, 0.5469,
0.2615

136.2674, 0.3845,
0.3121

 1.4994, 0.6184,
0.2342

170.5909, 0.3793,
0.3135

 0.2883, 0.8534,
0.1466

210.2421, 0.3747,


 0.0000, 1.0000,


0.3146


0.0000


255.6057, 0.3708,
0.3156


 0.0000, 0.0000,
0.0000


 31.1146, 0.4303,
0.2995


 31.1146, 0.4303,
0.2995


 26.0960, 0.4675,
0.2961

 37.5790, 0.3979,
0.3046


 22.4063, 0.5079,
0.2952


 45.5846, 0.3708,
0.3104

 19.9184, 0.5482,
0.2979

 55.2241, 0.3484,
0.3164

 18.4777, 0.5837,
0.3044

 66.5815, 0.3303,
0.3222

 17.8978, 0.6055,
0.3109

 79.7352, 0.3157,
0.3278

■ 94.7586, 0.3038,
0.3329

■ 96.3943, 0.3005,
0.3290

Harmonies

Analogous

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



31.1146, 0.3532, 0.2508



31.1146, 0.4303, 0.2995



31.1146, 0.4709, 0.3567

Triad

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



31.1146, 0.4303, 0.2995



31.1146, 0.3363, 0.4772



31.1146, 0.1800, 0.2229

Complementary

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



31.1146, 0.4303, 0.2995



67.3924, 0.2577, 0.3636

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.



31.1146, 0.1767, 0.2689



31.1146, 0.4303, 0.2995



31.1146, 0.2609, 0.4317

Square

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



31.1146, 0.4303, 0.2995



31.1146, 0.4094, 0.4638



31.1146, 0.2038, 0.3462



31.1146, 0.2121, 0.2076

Rectangle

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



31.1146, 0.4303, 0.2995



31.1146, 0.4694, 0.3961



31.1146, 0.2038, 0.3462



31.1146, 0.1757, 0.2345

Sweetspot

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



31.1162, 0.4303, 0.2995



74.7899, 0.3367, 0.3201



30.7549, 0.2911, 0.1933



15.4010, 0.3404, 0.3189



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.



31.1162, 0.4303, 0.2995



30.9279, 0.4713, 0.2958



39.0211, 0.4431, 0.3658



15.1081, 0.3258, 0.3239



9.9809, 0.6019, 0.3089



0.7978, 0.5637, 0.2879

Inverse Universe

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



31.1162, 0.4303, 0.2995



30.9279, 0.4713, 0.2958



51.7678, 0.2368, 0.2862



15.1081, 0.3258, 0.3239



9.9809, 0.6019, 0.3089



0.7978, 0.5637, 0.2879

Previews

White Background



This preview shows how the Yxy color 31.1146, 0.4303, 0.2995 looks on a white background.

Color Contrast Check

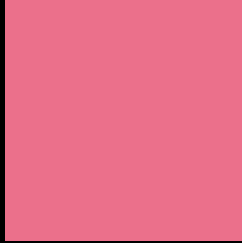
Large Text (above 18pt) WCAG AA × Fail

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 31.1146, 0.4303, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

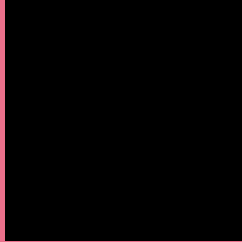
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1146, 0.4303, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 31.1146, 0.4303, 0.2995.



This preview shows how white text looks on a background with the Yxy color 31.1146, 0.4303, 0.2995.

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

31.1146, 0.4303, 0.2995

Protanopia

31.3818, 0.3045, 0.3138

Deuteranopia

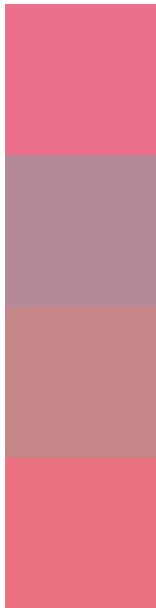
31.1355, 0.3551, 0.3482



Tritanopia

31.1840, 0.4486, 0.3206

Trichromacy



Original Color

31.1146, 0.4303, 0.2995

Protanomaly

30.1363, 0.3458, 0.3066

Deuteranomaly

30.5352, 0.3829, 0.3279

Tritanomaly

31.1120, 0.4414, 0.3127

Monochromacy



Original Color

31.1146, 0.4303, 0.2995

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

29.9430, 0.3524, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1146, 0.4303, 0.2995 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(235, 112, 139)` looks like.

```
.text, #text, p{  
    color:rgb(235, 112, 139)  
}
```

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(235, 112, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 112, 139) }
```

Border

The CSS property to change the border of an element to Yxy 31.1146, 0.4303, 0.2995 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(235, 112, 139) }
```

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

```
.border{ border-color:rgb(235, 112, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 112, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 112, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 112, 139);  
box-shadow:4px 4px 4px 4px rgb(235, 112,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1146, 0.4303, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 112, 139) }
```

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

```
.background{ background-color: rgb(235,  
112, 139) }
```

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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