

Converting Colors

$Y_{xy}(30.1062, 0.4264, 0.2891)$

Have a look what the booklet for
Yxy(30.1062, 0.4264, 0.2891)
contains.

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Color

Yxy(30.1607, 0.4272, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	EB6B8F
RGB	235, 107, 143
RGB Percent	92%, 42%, 56%
CMY	0.0785, 0.5803, 0.4391
CMYK	0.00, 0.54, 0.39, 0.08
HSL	343°, 76%, 67%
HSV	343°, 54%, 92%
XYZ	44.4758, 30.1607, 29.4736
YIQ	149.3760, 64.7320, 38.3320

Conversions

Conversions Part 2

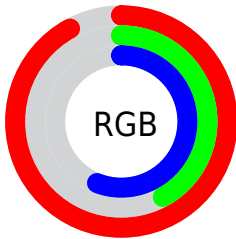
Format	Color
R _Y B	235, 107, 143
Decimal	15428495
CIE Lab	61.79, 52.87, 4.75
CIE LCh	62, 53.079, 5.133
Yxy	30.1607, 0.4272, 0.2897
Android (android.graphics.Color)	4293618575 (0xFFEB6B8F)
YUV	149.3760, -3.1434, 75.0922
Hunter-Lab	54.9188, 48.4500, 6.6236

Details

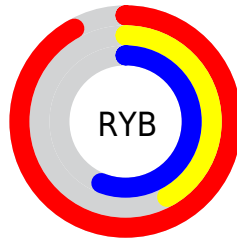
The Yxy color **30.1607, 0.4272, 0.2897** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66.6605, 0.2600, 0.3762**, and the grayscale version is **30.2168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1319, 0.3678, 0.2927**, and **12.3603, 0.4653, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **25.4357, 0.4619, 0.2854**, and if you desaturate by 10%, it is **36.2969, 0.3968, 0.2961**.

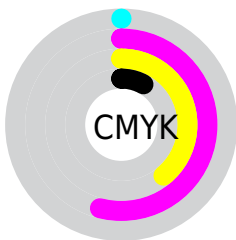
Distribution



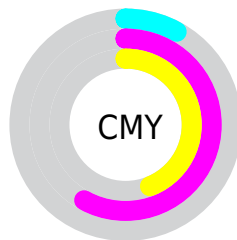
- Red (92%)
- Green (42%)
- Blue (56%)



- Red (92%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (54%)
- Yellow (39%)
- Black (8%)





- Cyan (8%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1607, 0.4272, 0.2897 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 30.1607, 0.4272, 0.2897 by changing the saturation by 10% instead.

 30.1607, 0.4272,
0.2897


 30.1607, 0.4272,
0.2897


302.6528, 0.3658,
0.3115


 19.9606, 0.4438,
0.2835


 59.9162, 0.4039,
0.2981

 12.3664, 0.4660,
0.2752


 80.2404, 0.3955,
0.3011

 6.9937, 0.4967,
0.2633


 104.7081, 0.3884,
0.3036

 3.4582, 0.5418,
0.2453

 133.7037, 0.3825,
0.3057

 1.3754, 0.6131,
0.2154

167.6116, 0.3774,
0.3075

 0.1985, 0.8928,
0.1072

206.8161, 0.3730,

 0.0000, 1.0000,

0.3090

0.0000

251.7017, 0.3692,
0.3103

0.0000, 0.0000,
0.0000

30.1607, 0.4272,
0.2897

30.1607, 0.4272,
0.2897

25.4357, 0.4619,
0.2854

36.2969, 0.3968,
0.2961

22.0033, 0.4993,
0.2843

43.9412, 0.3710,
0.3034

19.7328, 0.5367,
0.2874

53.1870, 0.3497,
0.3111

18.4635, 0.5703,
0.2950

64.1191, 0.3323,
0.3187

18.0555, 0.5864,
0.3004

76.8160, 0.3181,
0.3259

■ 91.3515, 0.3066,
0.3327

■ 96.4007, 0.3005,
0.3290

Harmonies

Analogous

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



30.1607, 0.3426, 0.2410



30.1607, 0.4272, 0.2897



30.1607, 0.4770, 0.3483

Triad

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



30.1607, 0.4272, 0.2897



30.1607, 0.3480, 0.4877



30.1607, 0.1715, 0.2219

Complementary

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



30.1607, 0.4272, 0.2897



66.6605, 0.2600, 0.3762

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.



30.1607, 0.1722, 0.2746



30.1607, 0.4272, 0.2897



30.1607, 0.2680, 0.4489

Square

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



30.1607, 0.4272, 0.2897



30.1607, 0.4230, 0.4645



30.1607, 0.2046, 0.3601



30.1607, 0.2006, 0.2024

Rectangle

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



30.1607, 0.4272, 0.2897



30.1607, 0.4800, 0.3894



30.1607, 0.2046, 0.3601



30.1607, 0.1684, 0.2355

Sweetspot

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



30.1623, 0.4272, 0.2897



74.9279, 0.3349, 0.3175



28.6206, 0.2837, 0.1856



15.4336, 0.3383, 0.3160



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.



30.1623, 0.4272, 0.2897



30.2209, 0.4649, 0.2852



35.9779, 0.4555, 0.3599



15.1237, 0.3249, 0.3224



10.0684, 0.5824, 0.2982



0.8066, 0.5430, 0.2765

Inverse Universe

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



30.1623, 0.4272, 0.2897



30.2209, 0.4649, 0.2852



53.8769, 0.2360, 0.2928



15.1237, 0.3249, 0.3224



10.0684, 0.5824, 0.2982



0.8066, 0.5430, 0.2765

Previews

White Background



This preview shows how the Yxy color 30.1607, 0.4272, 0.2897 looks on a white background.

Color Contrast Check

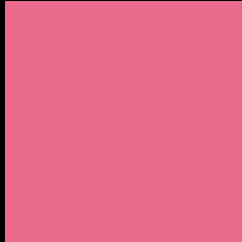
Large Text (above 18pt) WCAG AA × Fail

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 30.1607, 0.4272, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

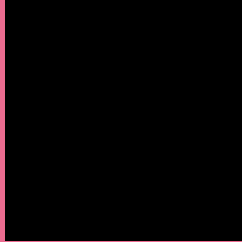
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1607, 0.4272, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 30.1607, 0.4272, 0.2897.



This preview shows how white text looks on a background with the Yxy color 30.1607, 0.4272, 0.2897.

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

30.1607, 0.4272, 0.2897

Protanopia

30.4880, 0.2943, 0.3015

Deuteranopia

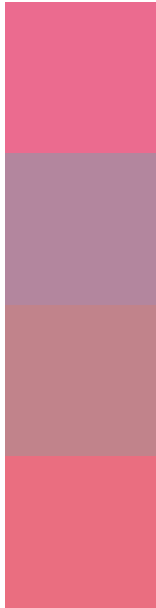
30.1877, 0.3470, 0.3395



Tritanopia

30.0244, 0.4551, 0.3206

Trichromacy



Original Color

30.1607, 0.4272, 0.2897

Protanomaly

29.1025, 0.3376, 0.2952

Deuteranomaly

29.4341, 0.3760, 0.3183

Tritanomaly

30.2028, 0.4448, 0.3095

Monochromacy



Original Color

30.1607, 0.4272, 0.2897

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.8601, 0.3510, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1607, 0.4272, 0.2897 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, 107, 143)` looks like.

```
.text, #text, p{  
    color:rgb(235, 107, 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(235, 107, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 107, 143) }
```

Border

The CSS property to change the border of an element to Yxy 30.1607, 0.4272, 0.2897 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, 107, 143) }
```

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

```
.border{ border-color:rgb(235, 107, 143) }
```

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

Here you see how a box with a 4 pixel rgb(235, 107, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 107, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 107, 143);  
box-shadow:4px 4px 4px 4px rgb(235, 107,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1607, 0.4272, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 107, 143) }
```

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

```
.background{ background-color: rgb(235,  
107, 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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