

Converting Colors

$Yxy(30.7341, 0.4278, 0.2862)$

Have a look what the booklet for
Yxy(30.7341, 0.4278, 0.2862)
contains.

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Color

Yxy(30.7341, 0.4278, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	EF6A92
RGB	239, 106, 146
RGB Percent	94%, 42%, 57%
CMY	0.0627, 0.5843, 0.4274
CMYK	0.00, 0.56, 0.39, 0.06
HSL	342°, 81%, 68%
HSV	342°, 56%, 94%
XYZ	45.9401, 30.7341, 30.7126
YIQ	150.3270, 66.4280, 40.6360

Conversions

Conversions Part 2

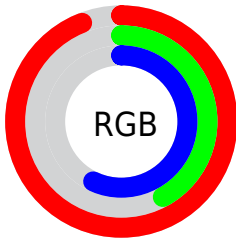
Format	Color
R_{YB}	239, 106, 146
Decimal	15690386
CIE _{Lab}	62.28, 54.97, 3.81
CIE _{LCh}	62, 55.100, 3.960
Yxy	30.7341, 0.4278, 0.2862
Android (android.graphics.Color)	4293880466 (0xFFEF6A92)
YUV	150.3270, -2.1332, 77.7662
Hunter-Lab	55.4383, 50.9004, 5.9604

Details

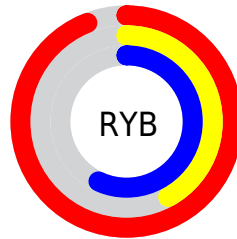
The Yxy color **30.7341, 0.4278, 0.2862** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **68.9203, 0.2605, 0.3810**, and the grayscale version is **30.6350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2708, 0.3649, 0.2897**, and **12.7094, 0.4655, 0.2709** is the 20% darker color. If you saturate the color by 10%, you get **25.9944, 0.4619, 0.2818**, and if you desaturate by 10%, it is **36.9253, 0.3978, 0.2929**.

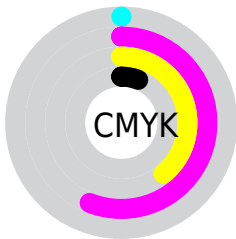
Distribution



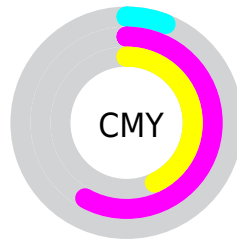
- Red (94%)
- Green (42%)
- Blue (57%)



- Red (94%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (56%)
- Yellow (39%)
- Black (6%)





- Cyan (6%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7341, 0.4278, 0.2862 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 30.7341, 0.4278, 0.2862 by changing the saturation by 10% instead.


 30.7341, 0.4278,
0.2862


 30.7341, 0.4278,
0.2862


305.3114, 0.3664,
0.3096


 20.3965, 0.4443,
0.2797


 60.8212, 0.4046,
0.2952

 12.6836, 0.4663,
0.2710


 81.3394, 0.3961,
0.2984

 7.2110, 0.4966,
0.2586


 106.0200, 0.3891,
0.3011

 3.5944, 0.5409,
0.2402

 135.2473, 0.3831,
0.3033

 1.4494, 0.6104,
0.2102

169.4057, 0.3780,
0.3053

 0.2527, 0.8743,
0.1214

208.8796, 0.3736,

 0.0000, 1.0000,

0.3069

0.0000


254.0534, 0.3698,
0.3083

 0.0000, 0.0000,
0.0000

 30.7341, 0.4278,
0.2862


 30.7341, 0.4278,
0.2862

 25.9944, 0.4619,
0.2818


 36.9253, 0.3978,
0.2929


 22.5808, 0.4984,
0.2808


 44.6700, 0.3723,
0.3007


 20.3548, 0.5348,
0.2843


 54.0664, 0.3510,
0.3089

 19.1438, 0.5673,
0.2925

 65.2033, 0.3337,
0.3171

 18.8174, 0.5800,
0.2968

 78.1633, 0.3195,
0.3248

 93.0233, 0.3080,
0.3321

 97.0907, 0.3029,
0.3290

Harmonies

Analogous

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



30.7341, 0.3397, 0.2370



30.7341, 0.4278, 0.2862



30.7341, 0.4811, 0.3458

Triad

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



30.7341, 0.4278, 0.2862



30.7341, 0.3517, 0.4930



30.7341, 0.1675, 0.2202

Complementary

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



30.7341, 0.4278, 0.2862



68.9203, 0.2605, 0.3810

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.



30.7341, 0.1692, 0.2754



30.7341, 0.4278, 0.2862



30.7341, 0.2693, 0.4561

Square

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



30.7341, 0.4278, 0.2862



30.7341, 0.4282, 0.4661



30.7341, 0.2034, 0.3648



30.7341, 0.1959, 0.1993

Rectangle

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



30.7341, 0.4278, 0.2862



30.7341, 0.4853, 0.3878



30.7341, 0.2034, 0.3648



30.7341, 0.1646, 0.2345

Sweetspot

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



30.7357, 0.4278, 0.2862



73.5916, 0.3359, 0.3159



28.3958, 0.2786, 0.1809



15.1719, 0.3392, 0.3143



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.



30.7357, 0.4278, 0.2862



29.3889, 0.4675, 0.2814



35.4599, 0.4635, 0.3555



15.8371, 0.3246, 0.3219



10.4192, 0.5759, 0.2946



0.8837, 0.5385, 0.2740

Inverse Universe

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



30.7357, 0.4278, 0.2862



29.3889, 0.4675, 0.2814



57.7027, 0.2359, 0.2977



15.8371, 0.3246, 0.3219



10.4192, 0.5759, 0.2946



0.8837, 0.5385, 0.2740

Previews

White Background



This preview shows how the Yxy color 30.7341, 0.4278, 0.2862 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 30.7341, 0.4278, 0.2862 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 30.7341, 0.4278, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 30.7341, 0.4278, 0.2862.



This preview shows how white text looks on a background with the Yxy color 30.7341, 0.4278, 0.2862.

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

30.7341, 0.4278, 0.2862

Protanopia

30.9943, 0.2900, 0.2958

Deuteranopia

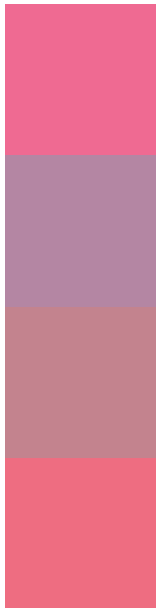
30.9973, 0.3444, 0.3380



Tritanopia

30.7053, 0.4591, 0.3208

Trichromacy



Original Color

30.7341, 0.4278, 0.2862

Protanomaly

29.3978, 0.3333, 0.2885

Deuteranomaly

29.7877, 0.3747, 0.3143

Tritanomaly

30.6994, 0.4481, 0.3078

Monochromacy



Original Color

30.7341, 0.4278, 0.2862

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.1652, 0.3510, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7341, 0.4278, 0.2862 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, 106, 146)` looks like.

```
.text, #text, p{  
    color:rgb(239, 106, 146)  
}
```

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, 106, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 106, 146) }
```

Border

The CSS property to change the border of an element to Yxy 30.7341, 0.4278, 0.2862 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, 106, 146) }
```

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

```
.border{ border-color:rgb(239, 106, 146) }
```

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

Here you see how a box with a 4 pixel rgb(239, 106, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 106, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 106, 146);  
box-shadow:4px 4px 4px 4px rgb(239, 106,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7341, 0.4278, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 106, 146) }
```

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

```
.background{ background-color: rgb(239,  
106, 146) }
```

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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