

Converting Colors

Yxy(33.3462, 0.4135, 0.2830)

Have a look what the booklet for
Yxy(33.3462, 0.4135, 0.2830)
contains.

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Color

Yxy(33.3462, 0.4135, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	F2729D
RGB	242, 114, 157
RGB Percent	95%, 45%, 62%
CMY	0.0509, 0.5529, 0.3844
CMYK	0.00, 0.53, 0.35, 0.05
HSL	340°, 83%, 70%
HSV	340°, 53%, 95%
XYZ	48.7232, 33.3462, 35.7617
YIQ	157.1740, 62.4850, 40.5090

Conversions

Conversions Part 2

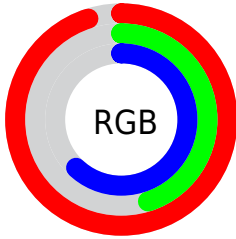
Format	Color
R _Y B	242, 114, 157
Decimal	15889053
CIE Lab	64.44, 53.44, 0.70
CIE LCh	64, 53.441, 0.750
Yxy	33.3462, 0.4135, 0.2830
Android (android.graphics.Color)	4294079133 (0xFFFF2729D)
YUV	157.1740, -0.0858, 74.3924
Hunter-Lab	57.7462, 49.5530, 3.7045

Details

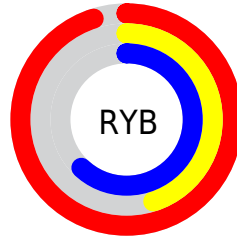
The Yxy color **33.3462, 0.4135, 0.2830** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **71.2129, 0.2643, 0.3840**, and the grayscale version is **33.7791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3391, 0.3534, 0.2858**, and **14.1136, 0.4452, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **28.0783, 0.4446, 0.2770**, and if you desaturate by 10%, it is **40.1336, 0.3864, 0.2910**.

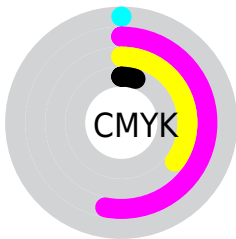
Distribution



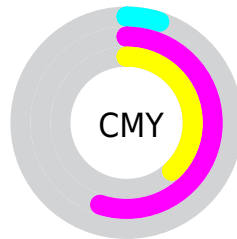
- Red (95%)
- Green (45%)
- Blue (62%)



- Red (95%)
- Yellow (45%)
- Blue (62%)



- Cyan (0%)
- Magenta (53%)
- Yellow (35%)
- Black (5%)




- Cyan (5%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3462, 0.4135, 0.2830 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 33.3462, 0.4135, 0.2830 by changing the saturation by 10% instead.


 33.3462, 0.4135,
0.2830


 33.3462, 0.4135,
0.2830


317.2069, 0.3605,
0.3073

 22.3918, 0.4275,
0.2766


 64.9157, 0.3937,
0.2921

 14.1451, 0.4459,
0.2681


 86.2995, 0.3864,
0.2954

 8.2216, 0.4711,
0.2564


 111.9286, 0.3803,
0.2982

 4.2371, 0.5076,
0.2394

142.1873, 0.3752,
0.3006

 1.8071, 0.5642,
0.2130

177.4602, 0.3707,
0.3026

 0.4916, 0.6880,
0.1568

218.1314, 0.3669,

 0.0000, 1.0000,

0.3044

0.0000

264.5855, 0.3635,
0.3059

0.0000, 0.0000,
0.0000

33.3462, 0.4135,
0.2830

33.3462, 0.4135,
0.2830

28.0783, 0.4446,
0.2770

40.1336, 0.3864,
0.2910

24.2055, 0.4787,
0.2743

48.5420, 0.3634,
0.2999

21.5919, 0.5136,
0.2760

58.6699, 0.3443,
0.3091

20.0711, 0.5465,
0.2828

70.6065, 0.3287,
0.3181

19.4774, 0.5674,
0.2899

84.4347, 0.3159,
0.3266

97.5187, 0.3056,
0.3305

97.6192, 0.3048,
0.3290

Harmonies

Analogous

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



33.3462, 0.3293, 0.2373



33.3462, 0.4135, 0.2830



33.3462, 0.4689, 0.3397

Triad

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



33.3462, 0.4135, 0.2830



33.3462, 0.3591, 0.4834



33.3462, 0.1728, 0.2299

Complementary

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



33.3462, 0.4135, 0.2830



71.2129, 0.2643, 0.3840

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.



33.3462, 0.1779, 0.2867



33.3462, 0.4135, 0.2830



33.3462, 0.2803, 0.4548

Square

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



33.3462, 0.4135, 0.2830



33.3462, 0.4299, 0.4550



33.3462, 0.2146, 0.3730



33.3462, 0.1971, 0.2062

Rectangle

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



33.3462, 0.4135, 0.2830



33.3462, 0.4773, 0.3799



33.3462, 0.2146, 0.3730



33.3462, 0.1712, 0.2450

Sweetspot

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



33.3479, 0.4135, 0.2830



75.0504, 0.3333, 0.3153



30.3445, 0.2769, 0.1862



15.4626, 0.3365, 0.3135



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.



33.3479, 0.4135, 0.2830



31.4754, 0.4455, 0.2769



36.9246, 0.4556, 0.3500



15.8464, 0.3240, 0.3211



10.4851, 0.5630, 0.2875



0.8901, 0.5261, 0.2672

Inverse Universe

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



33.3479, 0.4135, 0.2830



31.4754, 0.4455, 0.2769



62.6626, 0.2400, 0.3050



15.8464, 0.3240, 0.3211



10.4851, 0.5630, 0.2875



0.8901, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 33.3462, 0.4135, 0.2830 looks on a white background.

Color Contrast Check

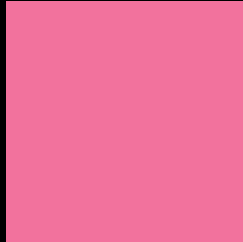
Large Text (above 18pt) WCAG AA × Fail

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 33.3462, 0.4135, 0.2830 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 33.3462, 0.4135, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 33.3462, 0.4135, 0.2830.



This preview shows how white text looks on a background with the Yxy color 33.3462, 0.4135, 0.2830.

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

33.3462, 0.4135, 0.2830

Protanopia

33.4955, 0.2865, 0.2898

Deuteranopia

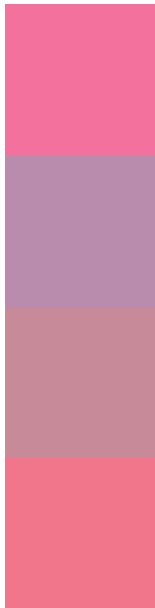
33.3663, 0.3364, 0.3291



Tritanopia

33.5167, 0.4454, 0.3207

Trichromacy



Original Color

33.3462, 0.4135, 0.2830

Protanomaly

32.0876, 0.3274, 0.2845

Deuteranomaly

32.6190, 0.3642, 0.3094

Tritanomaly

33.5217, 0.4337, 0.3066

Monochromacy



Original Color

33.3462, 0.4135, 0.2830

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.1754, 0.3471, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3462, 0.4135, 0.2830 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(242, 114, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 114, 157)  
}
```

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(242, 114, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 114, 157) }
```

Border

The CSS property to change the border of an element to Yxy 33.3462, 0.4135, 0.2830 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(242, 114, 157) }
```

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

```
.border{ border-color:rgb(242, 114, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 114, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 114, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 114, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 114,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3462, 0.4135, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 114, 157) }
```

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

```
.background{ background-color: rgb(242,  
114, 157) }
```

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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