

Converting Colors

$Y_{xy}(33.2283, 0.4262, 0.2941)$

Have a look what the booklet for
Yxy(33.2283, 0.4262, 0.2941)
contains.

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Color

Yxy(33.4227, 0.4269, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	F37393
RGB	243, 115, 147
RGB Percent	95%, 45%, 58%
CMY	0.0470, 0.5491, 0.4235
CMYK	0.00, 0.53, 0.40, 0.05
HSL	345°, 84%, 70%
HSV	345°, 53%, 95%
XYZ	48.3666, 33.4227, 31.5080
YIQ	156.9200, 66.0160, 37.0880

Conversions

Conversions Part 2

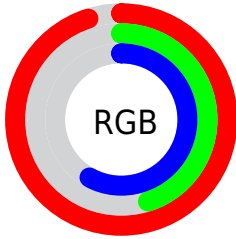
Format	Color
RYB	243, 115, 147
Decimal	15954835
CIELab	64.50, 52.19, 6.51
CIELCh	65, 52.598, 7.109
Yxy	33.4227, 0.4269, 0.2950
Android (android.graphics.Color)	4294144915 (0xFFFF37393)
YUV	156.9200, -4.8906, 75.4922
Hunter-Lab	57.8124, 48.1639, 8.1554

Details

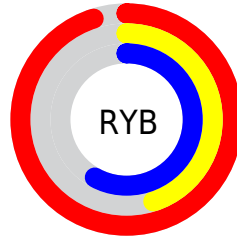
The Yxy color **33.4227, 0.4269, 0.2950** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72.4647, 0.2592, 0.3692**, and the grayscale version is **33.6786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2265, 0.3623, 0.2969**, and **14.1621, 0.4635, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **28.0667, 0.4627, 0.2910**, and if you desaturate by 10%, it is **40.3333, 0.3957, 0.3008**.

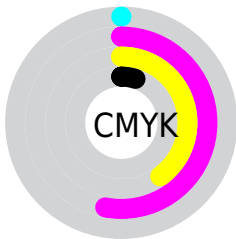
Distribution



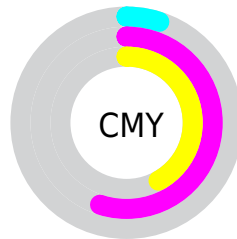
- Red (95%)
- Green (45%)
- Blue (58%)



- Red (95%)
- Yellow (45%)
- Blue (58%)



- Cyan (0%)
- Magenta (53%)
- Yellow (40%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4227, 0.4269, 0.2950 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 33.4227, 0.4269, 0.2950 by changing the saturation by 10% instead.


 33.4227, 0.4269,
0.2950


 33.4227, 0.4269,
0.2950


317.5502, 0.3665,
0.3139


 22.4505, 0.4429,
0.2897


 65.0349, 0.4042,
0.3023

 14.1883, 0.4641,
0.2825


 86.4437, 0.3959,
0.3049

 8.2517, 0.4930,
0.2722

 112.1000, 0.3890,
0.3071

 4.2564, 0.5348,
0.2567

142.3884, 0.3831,
0.3089

 1.8180, 0.5993,
0.2313

177.6933, 0.3781,
0.3104

 0.4984, 0.7828,
0.1847

218.3989, 0.3737,

 0.0000, 1.0000,

0.3117

0.0000


264.8897, 0.3699,
0.3129

 0.0000, 0.0000,
0.0000


 33.4227, 0.4269,
0.2950


 33.4227, 0.4269,
0.2950

 28.0667, 0.4627,
0.2910

 40.3333, 0.3957,
0.3008


 24.1384, 0.5017,
0.2898


 48.9021, 0.3695,
0.3074


 21.4994, 0.5408,
0.2925


 59.2297, 0.3479,
0.3143

 19.9807, 0.5758,
0.2994

 71.4070, 0.3303,
0.3210

 19.3940, 0.5969,
0.3062

 85.5189, 0.3161,
0.3274

 97.7995, 0.3054,
0.3290

Harmonies

Analogous

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



33.4227, 0.3472, 0.2468



33.4227, 0.4269, 0.2950



33.4227, 0.4716, 0.3523

Triad

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



33.4227, 0.4269, 0.2950



33.4227, 0.3422, 0.4801



33.4227, 0.1774, 0.2239

Complementary

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



33.4227, 0.4269, 0.2950



72.4647, 0.2592, 0.3692

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.



33.4227, 0.1762, 0.2728



33.4227, 0.4269, 0.2950



33.4227, 0.2655, 0.4386

Square

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



33.4227, 0.4269, 0.2950



33.4227, 0.4153, 0.4624



33.4227, 0.2058, 0.3531



33.4227, 0.2076, 0.2065

Rectangle

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



33.4227, 0.4269, 0.2950



33.4227, 0.4725, 0.3921



33.4227, 0.2058, 0.3531



33.4227, 0.1737, 0.2365

Sweetspot

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



33.4244, 0.4269, 0.2950



74.8582, 0.3358, 0.3188



32.2690, 0.2869, 0.1906



15.4171, 0.3394, 0.3174



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.



33.4244, 0.4269, 0.2950



31.0637, 0.4645, 0.2908



40.5056, 0.4477, 0.3614



16.5505, 0.3254, 0.3231



10.6595, 0.5931, 0.3041



0.9527, 0.5582, 0.2848

Inverse Universe

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



33.4244, 0.4269, 0.2950



31.0637, 0.4645, 0.2908



57.7809, 0.2374, 0.2913



16.5505, 0.3254, 0.3231



10.6595, 0.5931, 0.3041



0.9527, 0.5582, 0.2848

Previews

White Background



This preview shows how the Yxy color 33.4227, 0.4269, 0.2950 looks on a white background.

Color Contrast Check

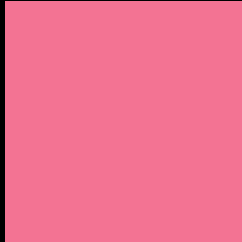
Large Text (above 18pt) WCAG AA × Fail

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 33.4227, 0.4269, 0.2950 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 33.4227, 0.4269, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 33.4227, 0.4269, 0.2950.



This preview shows how white text looks on a background with the Yxy color 33.4227, 0.4269, 0.2950.

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

33.4227, 0.4269, 0.2950

Protanopia

33.7471, 0.3003, 0.3084

Deuteranopia

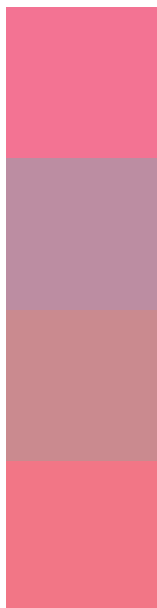
33.5213, 0.3507, 0.3434



Tritanopia

33.4267, 0.4482, 0.3208

Trichromacy



Original Color

33.4227, 0.4269, 0.2950

Protanomaly

32.3498, 0.3418, 0.3006

Deuteranomaly

32.7167, 0.3787, 0.3227

Tritanomaly

33.5553, 0.4410, 0.3122

Monochromacy



Original Color

33.4227, 0.4269, 0.2950

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.3373, 0.3512, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4227, 0.4269, 0.2950 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(243, 115, 147)` looks like.

```
.text, #text, p{  
    color:rgb(243, 115, 147)  
}
```

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(243, 115, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 115, 147) }
```

Border

The CSS property to change the border of an element to Yxy 33.4227, 0.4269, 0.2950 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(243, 115, 147) }
```

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

```
.border{ border-color:rgb(243, 115, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 115, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 115, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 115, 147);  
box-shadow:4px 4px 4px 4px rgb(243, 115,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4227, 0.4269, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 115, 147) }
```

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

```
.background{ background-color: rgb(243,  
115, 147) }
```

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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