

Converting Colors

$Y_{xy}(33.1954, 0.4531, 0.3064)$

Have a look what the booklet for
Yxy(33.1954, 0.4531, 0.3064)
contains.

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Color

Yxy(33.2021, 0.4527, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	F96F85
RGB	249, 111, 133
RGB Percent	98%, 44%, 52%
CMY	0.0235, 0.5647, 0.4783
CMYK	0.00, 0.55, 0.47, 0.02
HSL	350°, 92%, 71%
HSV	350°, 55%, 98%
XYZ	48.9915, 33.2021, 26.0271
YIQ	154.7700, 75.1860, 36.0980

Conversions

Conversions Part 2

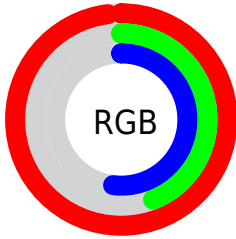
Format	Color
R_{YB}	249, 111, 133
Decimal	16347013
CIE _{Lab}	64.32, 54.67, 14.37
CIE _{LCh}	64, 56.526, 14.724
Yxy	33.2021, 0.4527, 0.3068
Android (android.graphics.Color)	4294537093 (0xFFFF96F85)
YUV	154.7700, -10.7326, 82.6397
Hunter-Lab	57.6213, 50.9294, 13.5541

Details

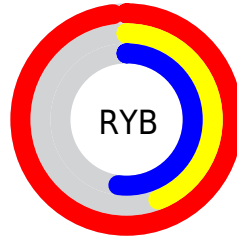
The Yxy color **33.2021, 0.4527, 0.3068** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **76.6863, 0.2519, 0.3557**, and the grayscale version is **32.6952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4426, 0.3770, 0.3093**, and **14.0638, 0.4978, 0.2953** is the 20% darker color. If you saturate the color by 10%, you get **27.9848, 0.4945, 0.3052**, and if you desaturate by 10%, it is **40.0523, 0.4156, 0.3100**.

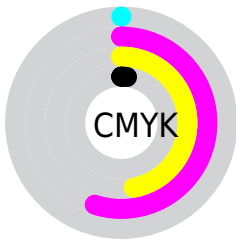
Distribution



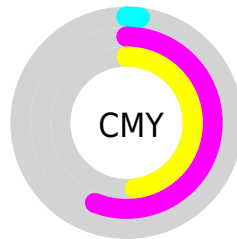
- Red (98%)
- Green (44%)
- Blue (52%)



- Red (98%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (55%)
- Yellow (47%)
- Black (2%)





- Cyan (2%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2021, 0.4527, 0.3068 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 33.2021, 0.4527, 0.3068 by changing the saturation by 10% instead.


 33.2021, 0.4527,
0.3068

 33.2021, 0.4527,
0.3068


316.5594, 0.3784,
0.3210


 22.2813, 0.4724,
0.3022


 64.6909, 0.4248,
0.3127

 14.0638, 0.4982,
0.2957


 86.0278, 0.4146,
0.3147

 8.1650, 0.5333,
0.2859


 111.6054, 0.4061,
0.3163

 4.2007, 0.5831,
0.2701

141.8082, 0.3988,
0.3176

 1.7865, 0.6588,
0.2430

177.0206, 0.3926,
0.3186

 0.4787, 0.8206,
0.1794

217.6271, 0.3873,

 0.0000, 1.0000,

0.3195

0.0000

264.0119, 0.3826,
0.3203

0.0000, 0.0000,
0.0000

33.2021, 0.4527,
0.3068

33.2021, 0.4527,
0.3068

27.9848, 0.4945,
0.3052

40.0523, 0.4156,
0.3100

24.2588, 0.5379,
0.3060

48.6509, 0.3841,
0.3141

21.8675, 0.5783,
0.3097

59.1091, 0.3583,
0.3184

20.6158, 0.6098,
0.3162

71.5271, 0.3373,
0.3228

20.2947, 0.6206,
0.3192

85.9984, 0.3205,
0.3269

98.8831, 0.3090,
0.3290

Harmonies

Analogous

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



33.2021, 0.3729, 0.2530



33.2021, 0.4527, 0.3068



33.2021, 0.4865, 0.3683

Triad

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



33.2021, 0.4527, 0.3068



33.2021, 0.3217, 0.4881



33.2021, 0.1742, 0.2092

Complementary

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



33.2021, 0.4527, 0.3068



76.6863, 0.2519, 0.3557

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.



33.2021, 0.1650, 0.2513



33.2021, 0.4527, 0.3068



33.2021, 0.2427, 0.4269

Square

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



33.2021, 0.4527, 0.3068



33.2021, 0.4027, 0.4811



33.2021, 0.1872, 0.3299



33.2021, 0.2136, 0.1989

Rectangle

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



33.2021, 0.4527, 0.3068



33.2021, 0.4774, 0.4104



33.2021, 0.1872, 0.3299



33.2021, 0.1678, 0.2193

Sweetspot

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



33.2039, 0.4527, 0.3068



73.2641, 0.3404, 0.3221



34.3781, 0.2976, 0.1889



15.0954, 0.3444, 0.3212



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.



33.2039, 0.4527, 0.3068



28.7812, 0.5016, 0.3051



45.4041, 0.4487, 0.3772



17.2704, 0.3269, 0.3252



10.8749, 0.6176, 0.3176



1.0199, 0.5884, 0.3015

Inverse Universe

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



33.2039, 0.4527, 0.3068



28.7812, 0.5016, 0.3051



52.9354, 0.2303, 0.2709



17.2704, 0.3269, 0.3252



10.8749, 0.6176, 0.3176



1.0199, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 33.2021, 0.4527, 0.3068 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 33.2021, 0.4527, 0.3068 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 33.2021, 0.4527, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 33.2021, 0.4527, 0.3068.



This preview shows how white text looks on a background with the Yxy color 33.2021, 0.4527, 0.3068.

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

33.2021, 0.4527, 0.3068

Protanopia

33.5482, 0.3157, 0.3290

Deuteranopia

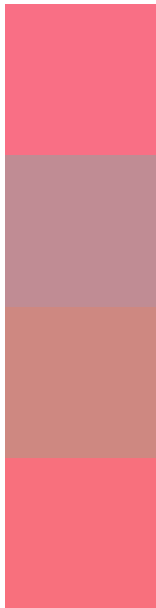
33.2901, 0.3698, 0.3617



Tritanopia

33.1472, 0.4659, 0.3213

Trichromacy



Original Color

33.2021, 0.4527, 0.3068

Protanomaly

32.1008, 0.3615, 0.3183

Deuteranomaly

32.3151, 0.4001, 0.3383

Tritanomaly

33.0255, 0.4615, 0.3161

Monochromacy



Original Color

33.2021, 0.4527, 0.3068

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.3906, 0.3596, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2021, 0.4527, 0.3068 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(249, 111, 133)` looks like.

```
.text, #text, p{  
    color:rgb(249, 111, 133)  
}
```

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(249, 111, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 111, 133) }
```

Border

The CSS property to change the border of an element to Yxy 33.2021, 0.4527, 0.3068 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(249, 111, 133) }
```

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

```
.border{ border-color:rgb(249, 111, 133) }
```

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

Here you see how a box with a 4 pixel rgb(249, 111, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 111, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 111, 133);  
box-shadow:4px 4px 4px 4px rgb(249, 111,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2021, 0.4527, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 111, 133) }
```

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

```
.background{ background-color: rgb(249,  
111, 133) }
```

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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