

# Converting Colors

Yxy(33.1818, 0.3995, 0.3046)

Have a look what the booklet for  
Yxy(33.1818, 0.3995, 0.3046)  
contains.

<b>Yxy(33.2644, 0.3994, 0.3054)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(33.2644, 0.3994, 0.3054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF8094
RGB	223, 128, 148
RGB Percent	87%, 50%, 58%
CMY	0.1254, 0.4981, 0.4195
CMYK	0.00, 0.43, 0.34, 0.13
HSL	347°, 60%, 69%
HSV	347°, 43%, 87%
XYZ	43.5030, 33.2644, 32.1534
YIQ	158.6850, 50.2000, 26.3600

# Conversions

## Conversions Part 2

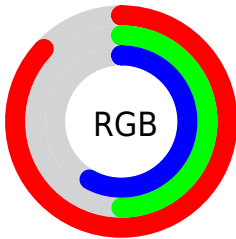
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 128, 148
Decimal	14647444
CIE Lab	64.37, 38.89, 5.39
CIE LCh	64, 39.258, 7.895
Yxy	33.2644, 0.3994, 0.3054
Android (android.graphics.Color)	4292837524 (0xFFDF8094)
YUV	158.6850, -5.2677, 56.4043
Hunter-Lab	57.6753, 33.7061, 7.3191

# Details

The Yxy color **33.2644, 0.3994, 0.3054** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6885, 0.2652, 0.3551**, and the grayscale version is **34.5277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9802, 0.3588, 0.3084**, and **14.0501, 0.4270, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **27.5584, 0.4322, 0.3006**, and if you desaturate by 10%, it is **40.3369, 0.3719, 0.3110**.

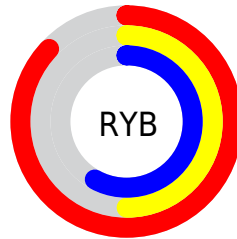
# Distribution



Red (87%)

Green (50%)

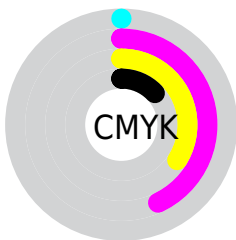
Blue (58%)



Red (87%)

Yellow (50%)

Blue (58%)

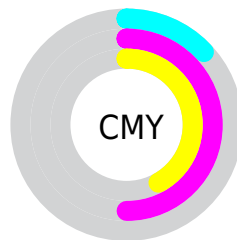


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (13%)



Cyan (13%)

Magenta (50%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2644, 0.3994, 0.3054 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 33.2644, 0.3994, 0.3054 by changing the saturation by 10% instead.





 33.2644, 0.3994,  
0.3054


 33.2644, 0.3994,  
0.3054


316.8395, 0.3534,  
0.3185


 22.3291, 0.4117,  
0.3017


 64.7881, 0.3821,  
0.3105

 14.0989, 0.4281,  
0.2966


 86.1453, 0.3757,  
0.3123

 8.1895, 0.4508,  
0.2893


 111.7452, 0.3705,  
0.3138

 4.2164, 0.4841,  
0.2781

141.9722, 0.3660,  
0.3151

 1.7954, 0.5373,  
0.2591

177.2107, 0.3622,  
0.3161

 0.4843, 0.7091,  
0.2220

217.8452, 0.3589,

 0.0000, 1.0000,

0.3170

0.0000

264.2600, 0.3560,  
0.3178

0.0000, 0.0000,  
0.0000

33.2644, 0.3994,  
0.3054

33.2644, 0.3994,  
0.3054

27.5584, 0.4322,  
0.3006

40.3369, 0.3719,  
0.3110

23.1255, 0.4698,  
0.2974

48.8516, 0.3493,  
0.3167

19.8683, 0.5105,  
0.2967

58.8843, 0.3309,  
0.3224

17.6731, 0.5509,  
0.2994


70.5043, 0.3161,  
0.3277

16.4032, 0.5863,  
0.3058

83.7764, 0.3041,  
0.3326

 15.8973, 0.6072,  
0.3118

 94.3440, 0.2942,  
0.3303

 94.4320, 0.2935,  
0.3289

# Harmonies

## Analogous

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



33.2644, 0.3412, 0.2661



33.2644, 0.3994, 0.3054



33.2644, 0.4323, 0.3518

# Triad

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



33.2644, 0.3994, 0.3054



33.2644, 0.3365, 0.4395



33.2644, 0.2072, 0.2485

# Complementary

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



33.2644, 0.3994, 0.3054



61.6885, 0.2652, 0.3551

# 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.



33.2644, 0.2062, 0.2874



33.2644, 0.3994, 0.3054



33.2644, 0.2772, 0.4069

# Square

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



33.2644, 0.3994, 0.3054



33.2644, 0.3922, 0.4325



33.2644, 0.2304, 0.3465



33.2644, 0.2325, 0.2335



# Rectangle

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



33.2644, 0.3994, 0.3054



33.2644, 0.4339, 0.3830



33.2644, 0.2304, 0.3465



33.2644, 0.2041, 0.2588

# Sweetspot

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



33.2660, 0.3994, 0.3054



79.0710, 0.3317, 0.3221



33.3815, 0.2979, 0.2185



16.2433, 0.3355, 0.3209



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.



33.2660, 0.3994, 0.3054



38.1935, 0.4278, 0.3011



40.6647, 0.4091, 0.3613



13.7476, 0.3259, 0.3241



9.3584, 0.6038, 0.3100



0.6618, 0.5610, 0.2864



# Inverse Universe

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



33.2660, 0.3994, 0.3054



38.1935, 0.4278, 0.3011



49.4415, 0.2490, 0.2933



13.7476, 0.3259, 0.3241



9.3584, 0.6038, 0.3100



0.6618, 0.5610, 0.2864



# Previews

## White Background



This preview shows how the Yxy color 33.2644, 0.3994, 0.3054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

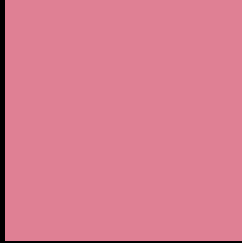
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 33.2644, 0.3994, 0.3054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

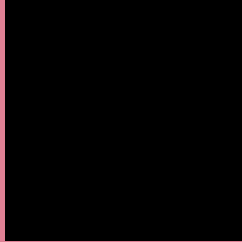
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 33.2644, 0.3994, 0.3054**

## Background



This preview shows how black text looks on a background with the Yxy color 33.2644, 0.3994, 0.3054.



This preview shows how white text looks on a background with the Yxy color 33.2644, 0.3994, 0.3054.

# 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

33.2644, 0.3994, 0.3054

### Protanopia

33.6254, 0.3065, 0.3172

### Deuteranopia

33.3769, 0.3455, 0.3391



## Tritanopia

33.3589, 0.4083, 0.3185

# Trichromacy



## Original Color

33.2644, 0.3994, 0.3054

## Protanomaly

32.8501, 0.3376, 0.3123

## Deuteranomaly

33.0267, 0.3650, 0.3265

## Tritanomaly

33.1831, 0.4052, 0.3137

# Monochromacy



## Original Color

33.2644, 0.3994, 0.3054

## Achromatopsia

34.6704, 0.3127, 0.3290

## Achromatomaly

33.4915, 0.3413, 0.3193

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 33.2644, 0.3994, 0.3054 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(223, 128, 148)` looks like.

```
.text, #text, p{  
    color:rgb(223, 128, 148)  
}
```

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(223, 128, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 128, 148) }
```

## Border

The CSS property to change the border of an element to Yxy 33.2644, 0.3994, 0.3054 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(223, 128, 148) }
```

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

```
.border{ border-color:rgb(223, 128, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 128, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 128, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 128, 148); box-shadow:4px 4px 4px 4px rgb(223, 128, 148) }
```



# Background

The CSS property to change the background color of an element to Yxy 33.2644, 0.3994, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 128, 148) }
```

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

```
.background{ background-color: rgb(223,  
128, 148) }
```

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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