

Converting Colors

$Y_{xy}(32.1270, 0.3943, 0.3055)$

Have a look what the booklet for
Yxy(32.1270, 0.3943, 0.3055)
contains.

Yxy(32.0370, 0.3945, 0.3048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.0370, 0.3945, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	D97F93
RGB	217, 127, 147
RGB Percent	85%, 50%, 58%
CMY	0.1491, 0.5019, 0.4235
CMYK	0.00, 0.41, 0.32, 0.15
HSL	347°, 54%, 67%
HSV	347°, 41%, 85%
XYZ	41.4652, 32.0370, 31.6061
YIQ	156.1900, 47.2200, 25.3000

Conversions

Conversions Part 2

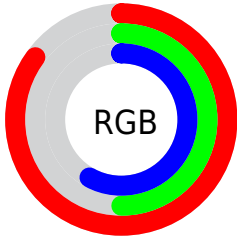
Format	Color
RYB	217, 127, 147
Decimal	14253971
CIELab	63.37, 37.09, 4.43
CIElCh	63, 37.351, 6.807
Yxy	32.0370, 0.3945, 0.3048
Android (android.graphics.Color)	4292444051 (0xFFD97F93)
YUV	156.1900, -4.5307, 53.3304
Hunter-Lab	56.6012, 31.7142, 6.5134

Details

The Yxy color **32.0370, 0.3945, 0.3048** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1548, 0.2668, 0.3556**, and the grayscale version is **33.3416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5248, 0.3599, 0.3084**, and **13.5055, 0.4215, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **26.5320, 0.4260, 0.2996**, and if you desaturate by 10%, it is **38.8296, 0.3681, 0.3107**.

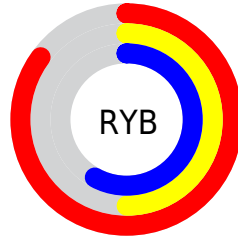
Distribution



Red (85%)

Green (50%)

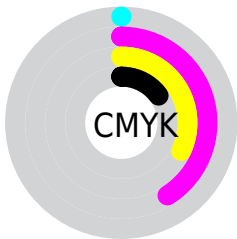
Blue (58%)



Red (85%)

Yellow (50%)

Blue (58%)

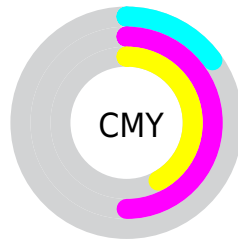


Cyan (0%)

Magenta (41%)

Yellow (32%)

Black (15%)



Cyan (15%)


Magenta (50%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0370, 0.3945, 0.3048 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 32.0370, 0.3945, 0.3048 by changing the saturation by 10% instead.


 32.0370, 0.3945,
0.3048

 32.0370, 0.3945,
0.3048


311.2878, 0.3509,
0.3182


 21.3898, 0.4063,
0.3010


 62.8691, 0.3780,
0.3100

 13.4092, 0.4220,
0.2959


 83.8227, 0.3720,
0.3118

 7.7109, 0.4439,
0.2885


 108.9806, 0.3670,
0.3134

 3.9105, 0.4765,
0.2771

138.7272, 0.3628,
0.3146

 1.6236, 0.5292,
0.2576

173.4468, 0.3592,
0.3157

 0.3735, 0.7392,
0.2070

213.5238, 0.3560,


 0.0000, 1.0000,

0.3167


0.0000


259.3427, 0.3533,
0.3175


 0.0000, 0.0000,
0.0000

 32.0370, 0.3945,
0.3048

 32.0370, 0.3945,
0.3048


 26.5320, 0.4260,
0.2996


 38.8296, 0.3681,
0.3107


 22.2284, 0.4624,
0.2959


 46.9794, 0.3464,
0.3168


 19.0366, 0.5023,
0.2946

 56.5567, 0.3288,
0.3227


 16.8526, 0.5425,
0.2968

 67.6257, 0.3146,
0.3282

 15.5522, 0.5787,
0.3028

 80.2463, 0.3030,
0.3334

 14.9624, 0.6037,
0.3099

 93.0609, 0.2936,
0.3358

 93.4872, 0.2900,
0.3289

Harmonies

Analogous

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



32.0370, 0.3381, 0.2670



32.0370, 0.3945, 0.3048



32.0370, 0.4274, 0.3497

Triad

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



32.0370, 0.3945, 0.3048



32.0370, 0.3380, 0.4356



32.0370, 0.2101, 0.2523

Complementary

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



32.0370, 0.3945, 0.3048



58.1548, 0.2668, 0.3556

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.



32.0370, 0.2102, 0.2909



32.0370, 0.3945, 0.3048



32.0370, 0.2806, 0.4055

Square

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



32.0370, 0.3945, 0.3048



32.0370, 0.3913, 0.4281



32.0370, 0.2346, 0.3482



32.0370, 0.2339, 0.2368

Rectangle

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



32.0370, 0.3945, 0.3048



32.0370, 0.4299, 0.3800



32.0370, 0.2346, 0.3482



32.0370, 0.2074, 0.2626

Sweetspot

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



32.0386, 0.3945, 0.3048



80.5674, 0.3299, 0.3223



31.9261, 0.2971, 0.2212



16.8332, 0.3320, 0.3215



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.



32.0386, 0.3945, 0.3048



38.9629, 0.4226, 0.3001



38.4160, 0.4061, 0.3586



13.0987, 0.3257, 0.3238



9.0733, 0.6003, 0.3081



0.6009, 0.5542, 0.2827

Inverse Universe

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



32.0386, 0.3945, 0.3048



38.9629, 0.4226, 0.3001



47.6550, 0.2511, 0.2966



13.0987, 0.3257, 0.3238



9.0733, 0.6003, 0.3081



0.6009, 0.5542, 0.2827

Previews

White Background



This preview shows how the Yxy color 32.0370, 0.3945, 0.3048 looks on a white background.

Color Contrast Check

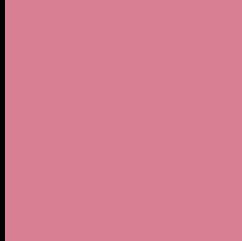
Large Text (above 18pt) WCAG AA × Fail

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 32.0370, 0.3945, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

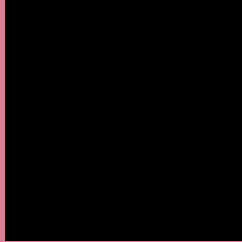
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0370, 0.3945, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 32.0370, 0.3945, 0.3048.



This preview shows how white text looks on a background with the Yxy color 32.0370, 0.3945, 0.3048.

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

32.0370, 0.3945, 0.3048

Protanopia

32.2611, 0.3055, 0.3155

Deuteranopia

32.3623, 0.3438, 0.3378



Tritanopia

32.1344, 0.4036, 0.3182

Trichromacy



Original Color

32.0370, 0.3945, 0.3048

Protanomaly

31.7280, 0.3347, 0.3106

Deuteranomaly

31.8822, 0.3624, 0.3250

Tritanomaly

31.9604, 0.4004, 0.3133

Monochromacy



Original Color

32.0370, 0.3945, 0.3048

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0157, 0.3398, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0370, 0.3945, 0.3048 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(217, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(217, 127, 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(217, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 127, 147) }
```

Border

The CSS property to change the border of an element to Yxy 32.0370, 0.3945, 0.3048 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(217, 127, 147) }
```

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

```
.border{ border-color:rgb(217, 127, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 127, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 127, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 127, 147);  
box-shadow:4px 4px 4px 4px rgb(217, 127,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0370, 0.3945, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 127, 147) }
```

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

```
.background{ background-color: rgb(217,  
127, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor