

Converting Colors

$Y_{xy}(32.3205, 0.4074, 0.3187)$

Have a look what the booklet for
Yxy(32.3205, 0.4074, 0.3187)
contains.

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Color

Yxy(32.1499, 0.4074, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	DA8089
RGB	218, 128, 137
RGB Percent	85%, 50%, 54%
CMY	0.1451, 0.4980, 0.4627
CMYK	0.00, 0.41, 0.37, 0.15
HSL	354°, 55%, 68%
HSV	354°, 41%, 85%
XYZ	41.1494, 32.1499, 27.7057
YIQ	155.9360, 50.7510, 21.8790

Conversions

Conversions Part 2

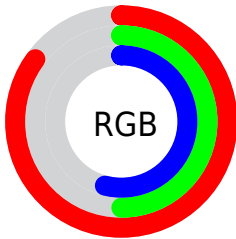
Format	Color
R _Y B	218, 128, 137
Decimal	14319753
CIE Lab	63.47, 35.72, 10.28
CIE LCh	63, 37.170, 16.048
Yxy	32.1499, 0.4074, 0.3183
Android (android.graphics.Color)	4292509833 (0xFFDA8089)
YUV	155.9360, -9.3354, 54.4301
Hunter-Lab	56.7009, 30.3160, 10.7198

Details

The Yxy color **32.1499, 0.4074, 0.3183** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.3384, 0.2611, 0.3406**, and the grayscale version is **33.2422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4336, 0.3693, 0.3208**, and **13.4695, 0.4392, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **26.5494, 0.4444, 0.3161**, and if you desaturate by 10%, it is **39.0776, 0.3765, 0.3209**.

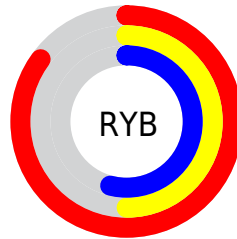
Distribution



Red (85%)

Green (50%)

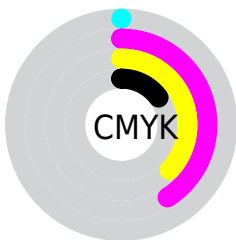
Blue (54%)



Red (85%)

Yellow (50%)

Blue (54%)

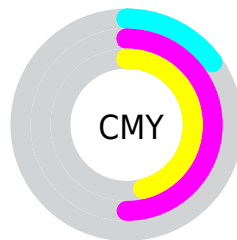


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (15%)



Cyan (15%)


Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1499, 0.4074, 0.3183 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 32.1499, 0.4074, 0.3183 by changing the saturation by 10% instead.


 32.1499, 0.4074,
0.3183


 32.1499, 0.4074,
0.3183


311.8015, 0.3567,
0.3252

 21.4760, 0.4211,
0.3160


 63.0460, 0.3882,
0.3212

 13.4724, 0.4395,
0.3126


 84.0370, 0.3812,
0.3222

 7.7546, 0.4649,
0.3074


 109.2359, 0.3754,
0.3230

 3.9384, 0.5026,
0.2985

139.0270, 0.3705,
0.3236

 1.6391, 0.5629,
0.2816

173.7947, 0.3663,
0.3241

 0.3838, 0.7723,
0.2277

213.9234, 0.3627,


 0.0000, 1.0000,

0.3245

0.0000

259.7976, 0.3595,
0.3249


 0.0000, 0.0000,
0.0000


 32.1499, 0.4074,
0.3183


 32.1499, 0.4074,
0.3183


 26.5494, 0.4444,
0.3161

 39.0776, 0.3765,
0.3209

 22.1868, 0.4869,
0.3148


 47.4048, 0.3512,
0.3236


 18.9694, 0.5322,
0.3150


 57.2043, 0.3309,
0.3262


 16.7892, 0.5753,
0.3169


 68.5425, 0.3146,
0.3287

 15.5179, 0.6100,
0.3207

 81.4816, 0.3014,
0.3310

 14.9634, 0.6299,
0.3244

 93.6285, 0.2907,
0.3292

 93.6462, 0.2906,
0.3289

Harmonies

Analogous

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



32.1499, 0.3565, 0.2778



32.1499, 0.4074, 0.3183



32.1499, 0.4299, 0.3637

Triad

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



32.1499, 0.4074, 0.3183



32.1499, 0.3200, 0.4297



32.1499, 0.2155, 0.2455

Complementary

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



32.1499, 0.4074, 0.3183



59.3384, 0.2611, 0.3406

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.



32.1499, 0.2081, 0.2769



32.1499, 0.4074, 0.3183



32.1499, 0.2649, 0.3892

Square

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



32.1499, 0.4074, 0.3183



32.1499, 0.3760, 0.4334



32.1499, 0.2250, 0.3294



32.1499, 0.2461, 0.2369

Rectangle

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



32.1499, 0.4074, 0.3183



32.1499, 0.4251, 0.3929



32.1499, 0.2250, 0.3294



32.1499, 0.2104, 0.2534

Sweetspot

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



32.1515, 0.4074, 0.3183



80.3581, 0.3324, 0.3260



33.8394, 0.3073, 0.2248



16.7843, 0.3349, 0.3257



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.



32.1515, 0.4074, 0.3183



38.4692, 0.4411, 0.3163



42.4832, 0.4001, 0.3710



13.0726, 0.3276, 0.3267



8.9715, 0.6278, 0.3232



0.5886, 0.5973, 0.3064

Inverse Universe

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



32.1515, 0.4074, 0.3183



38.4692, 0.4411, 0.3163



43.7269, 0.2489, 0.2820



13.0726, 0.3276, 0.3267



8.9715, 0.6278, 0.3232



0.5886, 0.5973, 0.3064

Previews

White Background



This preview shows how the Yxy color 32.1499, 0.4074, 0.3183 looks on a white background.

Color Contrast Check

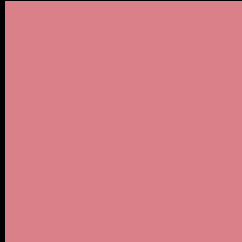
Large Text (above 18pt) WCAG AA × Fail

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 32.1499, 0.4074, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

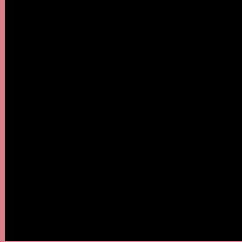
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1499, 0.4074, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 32.1499, 0.4074, 0.3183.



This preview shows how white text looks on a background with the Yxy color 32.1499, 0.4074, 0.3183.

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

32.1499, 0.4074, 0.3183

Protanopia

32.2859, 0.3196, 0.3320

Deuteranopia

32.1034, 0.3577, 0.3509



Tritanopia

32.1499, 0.4074, 0.3183

Trichromacy



Original Color

32.1499, 0.4074, 0.3183

Protanomaly

31.7251, 0.3495, 0.3263

Deuteranomaly

31.8473, 0.3757, 0.3388

Tritanomaly

32.1499, 0.4074, 0.3183

Monochromacy



Original Color

32.1499, 0.4074, 0.3183

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3114, 0.3448, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1499, 0.4074, 0.3183 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(218, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(218, 128, 137)  
}
```

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(218, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 128, 137) }
```

Border

The CSS property to change the border of an element to Yxy 32.1499, 0.4074, 0.3183 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(218, 128, 137) }
```

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

```
.border{ border-color:rgb(218, 128, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 128, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 128, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 128, 137);  
box-shadow:4px 4px 4px 4px rgb(218, 128,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1499, 0.4074, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 128, 137) }
```

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

```
.background{ background-color: rgb(218,  
128, 137) }
```

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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