

Converting Colors

$Y_{xy}(32.3940, 0.4146, 0.3433)$

Have a look what the booklet for
Yxy(32.3940, 0.4146, 0.3433)
contains.

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Color

Yxy(32.4773, 0.4146, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	D4867B
RGB	212, 134, 123
RGB Percent	83%, 53%, 48%
CMY	0.1687, 0.4744, 0.5177
CMYK	0.00, 0.37, 0.42, 0.17
HSL	7°, 51%, 66%
HSV	7°, 42%, 83%
XYZ	39.2454, 32.4773, 22.9357
YIQ	156.0680, 50.0190, 13.1150

Conversions

Conversions Part 2

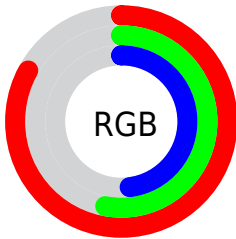
Format	Color
R _Y B	212, 136, 123
Decimal	13928059
CIE Lab	63.74, 28.64, 18.47
CIE LCh	64, 34.078, 32.828
Yxy	32.4773, 0.4146, 0.3431
Android (android.graphics.Color)	4292118139 (0xFFD4867B)
YUV	156.0680, -16.3025, 49.0524
Hunter-Lab	56.9889, 23.1935, 16.0304

Details

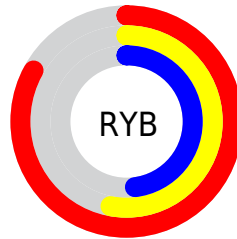
The Yxy color **32.4773, 0.4146, 0.3431** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.7089, 0.2533, 0.3139**, and the grayscale version is **33.3360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3216, 0.3806, 0.3428**, and **13.6495, 0.4499, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **27.3130, 0.4525, 0.3460**, and if you desaturate by 10%, it is **38.6611, 0.3824, 0.3397**.

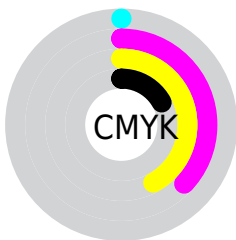
Distribution



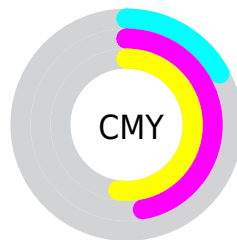
- Red (83%)
- Green (53%)
- Blue (48%)



- Red (83%)
- Yellow (53%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (17%)




- Cyan (17%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4773, 0.4146, 0.3431 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 32.4773, 0.4146, 0.3431 by changing the saturation by 10% instead.


 32.4773, 0.4146,
0.3431

 32.4773, 0.4146,
0.3431


313.2878, 0.3601,
0.3376


 21.7263, 0.4293,
0.3438


 63.5586, 0.3940,
0.3416

 13.6559, 0.4488,
0.3441


 84.6577, 0.3865,
0.3409

 7.8818, 0.4757,
0.3436


 109.9750, 0.3802,
0.3402

 4.0194, 0.5149,
0.3407

139.8949, 0.3749,
0.3396

 1.6844, 0.5887,
0.3382

174.8017, 0.3704,
0.3390

 0.4135, 0.7299,
0.2701

215.0798, 0.3665,

 0.0000, 1.0000,

0.3385

0.0000

261.1137, 0.3631,
0.3381

0.0000, 0.0000,
0.0000

32.4773, 0.4146,
0.3431

32.4773, 0.4146,
0.3431

27.3130, 0.4525,
0.3460

38.6611, 0.3824,
0.3397

23.1087, 0.4950,
0.3479

45.9102, 0.3556,
0.3362

19.8062, 0.5394,
0.3481

54.2731, 0.3337,
0.3328


17.3391, 0.5808,
0.3461

63.7943, 0.3158,
0.3296

15.6314, 0.6130,
0.3417

74.5156, 0.3012,
0.3267

 14.7442, 0.6303,
0.3377

 86.4769, 0.2893,
0.3240

 92.7331, 0.2871,
0.3289

Harmonies

Analogous

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



32.4773, 0.3811, 0.3020



32.4773, 0.4146, 0.3431



32.4773, 0.4173, 0.3844

Triad

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



32.4773, 0.4146, 0.3431



32.4773, 0.2905, 0.4033



32.4773, 0.2365, 0.2452

Complementary

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



32.4773, 0.4146, 0.3431



50.7089, 0.2533, 0.3139

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.



32.4773, 0.2173, 0.2627



32.4773, 0.4146, 0.3431



32.4773, 0.2461, 0.3541

Square

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



32.4773, 0.4146, 0.3431



32.4773, 0.3433, 0.4263



32.4773, 0.2204, 0.3011



32.4773, 0.2758, 0.2480

Rectangle

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



32.4773, 0.4146, 0.3431



32.4773, 0.4020, 0.4077



32.4773, 0.2204, 0.3011



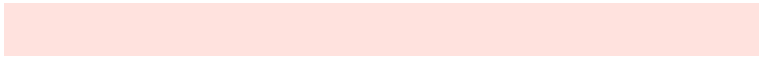
32.4773, 0.2277, 0.2487

Sweetspot

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



32.4789, 0.4146, 0.3431



80.8965, 0.3360, 0.3332



32.4016, 0.3279, 0.2369



16.6861, 0.3407, 0.3339



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.



32.4789, 0.4146, 0.3431



42.5421, 0.4466, 0.3457



47.2092, 0.3910, 0.3960



12.6663, 0.3288, 0.3320



9.1840, 0.6287, 0.3390



0.6378, 0.6028, 0.3596

Inverse Universe

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



50.7089, 0.2533, 0.3139



73.6176, 0.2437, 0.3104



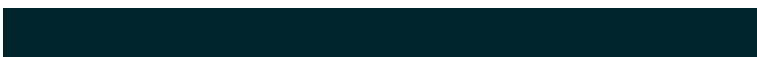
33.1104, 0.2430, 0.2505



13.8329, 0.2983, 0.3260



24.6424, 0.2138, 0.2896



1.5617, 0.2159, 0.2970

Previews

White Background



This preview shows how the Yxy color 32.4773, 0.4146, 0.3431 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 32.4773, 0.4146, 0.3431 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 32.4773, 0.4146, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 32.4773, 0.4146, 0.3431.



This preview shows how white text looks on a background with the Yxy color 32.4773, 0.4146, 0.3431.

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

32.4773, 0.4146, 0.3431

Protanopia

32.5912, 0.3420, 0.3608

Deuteranopia

32.6747, 0.3764, 0.3705



Tritanopia

32.4518, 0.3969, 0.3168

Trichromacy



Original Color

32.4773, 0.4146, 0.3431

Protanomaly

32.2762, 0.3678, 0.3548

Deuteranomaly

32.5335, 0.3898, 0.3606

Tritanomaly

32.3699, 0.4037, 0.3268

Monochromacy



Original Color

32.4773, 0.4146, 0.3431

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.4235, 0.3463, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4773, 0.4146, 0.3431 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(212, 134, 123)` looks like.

```
.text, #text, p{  
    color:rgb(212, 134, 123)  
}
```

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(212, 134, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 134, 123) }
```

Border

The CSS property to change the border of an element to Yxy 32.4773, 0.4146, 0.3431 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(212, 134, 123) }
```

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

```
.border{ border-color:rgb(212, 134, 123) }
```

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

Here you see how a box with a 4 pixel rgb(212, 134, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 134, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 134, 123);  
box-shadow:4px 4px 4px 4px rgb(212, 134,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4773, 0.4146, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 134, 123) }
```

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

```
.background{ background-color: rgb(212,  
134, 123) }
```

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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