

Converting Colors

$Yxy(41.8101, 0.3241, 0.3709)$

Have a look what the booklet for
Yxy(41.8101, 0.3241, 0.3709)
contains.

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Color

Yxy(41.9032, 0.3240, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	A4B295
RGB	164, 178, 149
RGB Percent	64%, 70%, 58%
CMY	0.3566, 0.3020, 0.4156
CMYK	0.08, 0.00, 0.16, 0.30
HSL	89°, 16%, 64%
HSV	89°, 16%, 70%
XYZ	36.6639, 41.9032, 34.5931
YIQ	170.5080, 0.9650, -11.9870

Conversions

Conversions Part 2

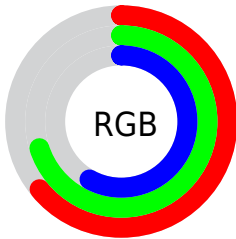
Format	Color
RYB	149, 178, 163
Decimal	10793621
CIELab	70.80, -10.18, 13.19
CIELCh	71, 16.664, 127.663
Yxy	41.9032, 0.3240, 0.3703
Android (android.graphics.Color)	4288983701 (0xFFA4B295)
YUV	170.5080, -10.6034, -5.7075
Hunter-Lab	64.7327, -12.1817, 13.6284

Details

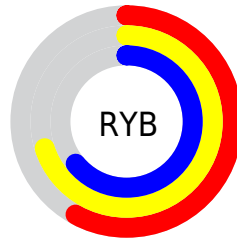
The Yxy color **41.9032, 0.3240, 0.3703** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4926, 0.2999, 0.2876**, and the grayscale version is **40.5242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2175, 0.3220, 0.3628**, and **18.9938, 0.3271, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **40.4986, 0.3307, 0.3981**, and if you desaturate by 10%, it is **43.4596, 0.3171, 0.3443**.

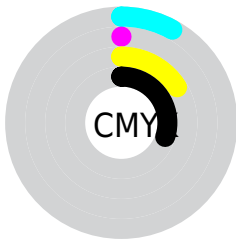
Distribution



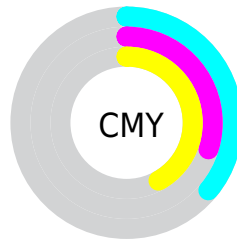
- Red (64%)
- Green (70%)
- Blue (58%)



- Red (58%)
- Yellow (70%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)





- Cyan (36%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9032, 0.3240, 0.3703 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 41.9032, 0.3240, 0.3703 by changing the saturation by 10% instead.


 41.9032, 0.3240,
0.3703

 41.9032, 0.3240,
0.3703

354.0815, 0.3185,
0.3489

 29.0255, 0.3253,
0.3759

 78.0531, 0.3220,
0.3623

 19.1001, 0.3270,
0.3833


 102.0941, 0.3213,
0.3594

 11.7426, 0.3291,
0.3934


130.6250, 0.3206,
0.3569

 6.5687, 0.3320,
0.4080

164.0301, 0.3201,
0.3548

 3.1939, 0.3357,
0.4310

202.6940, 0.3196,
0.3530

 1.2338, 0.3552,
0.4929

247.0009, 0.3192,

 0.0890, 0.0000,

0.3515

1.0000

297.3353, 0.3188,
0.3501

0.0000, 0.0000,
0.0000

41.9032, 0.3240,
0.3703

41.9032, 0.3240,
0.3703

40.4986, 0.3307,
0.3981

43.4596, 0.3171,
0.3443

39.2353, 0.3368,
0.4271

45.1671, 0.3102,
0.3204

38.1096, 0.3420,
0.4565

47.0323, 0.3034,
0.2986

37.1156, 0.3458,
0.4850

49.0596, 0.2970,
0.2790

36.2468, 0.3479,
0.5114

51.2530, 0.2909,
0.2614

■ 35.4963, 0.3478,
0.5342

■ 53.5648, 0.2858,
0.2464

■ 34.8560, 0.3455,
0.5521

■ 54.8978, 0.2922,
0.2480

■ 34.3155, 0.3412,
0.5647

■ 56.2995, 0.2988,
0.2495

■ 34.1327, 0.3394,
0.5687

■ 57.7711, 0.3054,
0.2511

Harmonies

Analogous

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



41.9032, 0.3457, 0.3703



41.9032, 0.3240, 0.3703



41.9032, 0.2998, 0.3579

Triad

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



41.9032, 0.3240, 0.3703



41.9032, 0.2684, 0.2973



41.9032, 0.3464, 0.3202

Complementary

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



41.9032, 0.3240, 0.3703



32.4926, 0.2999, 0.2876

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.



41.9032, 0.3245, 0.3025



41.9032, 0.3240, 0.3703



41.9032, 0.2798, 0.2892

Square

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



41.9032, 0.3240, 0.3703



41.9032, 0.2684, 0.3145



41.9032, 0.3001, 0.2913



41.9032, 0.3592, 0.3406

Rectangle

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



41.9032, 0.3240, 0.3703



41.9032, 0.2856, 0.3444



41.9032, 0.3001, 0.2913



41.9032, 0.3399, 0.3138

Sweetspot

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



41.9050, 0.3240, 0.3703



79.1775, 0.3162, 0.3413



37.6629, 0.3400, 0.3480



17.4959, 0.3167, 0.3430



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9050, 0.3240, 0.3703



74.9340, 0.3268, 0.3814



40.4884, 0.3115, 0.3719



9.6998, 0.3192, 0.3520



24.4634, 0.3402, 0.5681



0.8042, 0.3617, 0.5510

Inverse Universe

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



32.4926, 0.2999, 0.2876



54.1988, 0.2961, 0.2765



34.0618, 0.3136, 0.2893



8.4239, 0.3058, 0.3060



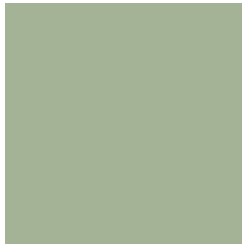
3.7386, 0.2001, 0.0876



0.1524, 0.2321, 0.1052

Previews

White Background



This preview shows how the Yxy color 41.9032, 0.3240, 0.3703 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 41.9032, 0.3240, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

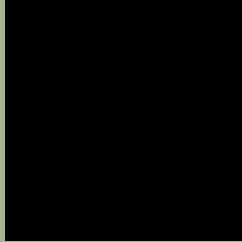
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9032, 0.3240, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 41.9032, 0.3240, 0.3703.



This preview shows how white text looks on a background with the Yxy color 41.9032, 0.3240, 0.3703.

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

41.9032, 0.3240, 0.3703

Protanopia

41.9075, 0.3442, 0.3659

Deuteranopia

41.8776, 0.3567, 0.3499



Tritanopia

41.9784, 0.2996, 0.3114

Trichromacy



Original Color

41.9032, 0.3240, 0.3703

Protanomaly

41.8805, 0.3363, 0.3679

Deuteranomaly

41.7669, 0.3450, 0.3574

Tritanomaly

42.0019, 0.3082, 0.3317

Monochromacy



Original Color

41.9032, 0.3240, 0.3703

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2413, 0.3165, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9032, 0.3240, 0.3703 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(164, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(164, 178, 149)  
}
```

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(164, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 149) }
```

Border

The CSS property to change the border of an element to Yxy 41.9032, 0.3240, 0.3703 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(164, 178, 149) }
```

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

```
.border{ border-color:rgb(164, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 149);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9032, 0.3240, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 149) }
```

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

```
.background{ background-color: rgb(164,  
178, 149) }
```

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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