

Converting Colors

$Yxy(41.9228, 0.3031, 0.3994)$

Have a look what the booklet for
Yxy(41.9228, 0.3031, 0.3994)
contains.

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Color

Yxy(41.9168, 0.3031, 0.3994)

Conversions

Conversions Part 1

Format	Color
Hex	84BA8C
RGB	132, 186, 140
RGB Percent	52%, 73%, 55%
CMY	0.4823, 0.2706, 0.4510
CMYK	0.29, 0.00, 0.25, 0.27
HSL	129°, 28%, 62%
HSV	129°, 29%, 73%
XYZ	31.8102, 41.9168, 31.2225
YIQ	164.6100, -17.4180, -25.7540

Conversions

Conversions Part 2

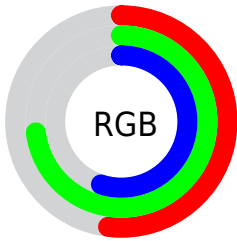
Format	Color
RYB	132, 179, 186
Decimal	8698508
CIELab	70.81, -27.05, 17.79
CIElCh	71, 32.377, 146.665
Yxy	41.9168, 0.3031, 0.3994
Android (android.graphics.Color)	4286888588 (0xFF84BA8C)
YUV	164.6100, -12.1327, -28.5990
Hunter-Lab	64.7432, -25.5984, 16.7276

Details

The Yxy color **41.9168, 0.3031, 0.3994** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.1629, 0.3241, 0.2676**, and the grayscale version is **37.4983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8384, 0.3051, 0.3846**, and **19.2626, 0.2991, 0.4228** is the 20% darker color. If you saturate the color by 10%, you get **40.1156, 0.3000, 0.4287**, and if you desaturate by 10%, it is **44.0563, 0.3064, 0.3725**.

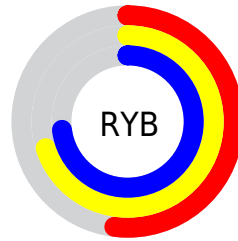
Distribution



Red (52%)

Green (73%)

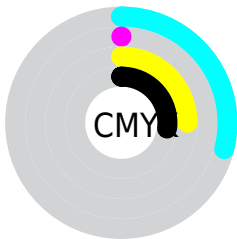
Blue (55%)



Red (52%)

Yellow (70%)

Blue (73%)

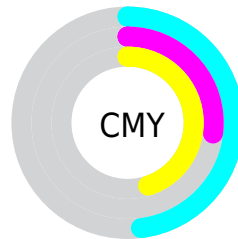


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (27%)



Cyan (48%)


Magenta (27%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9168, 0.3031, 0.3994 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 41.9168, 0.3031, 0.3994 by changing the saturation by 10% instead.


 41.9168, 0.3031,
0.3994


 41.9168, 0.3031,
0.3994


354.1379, 0.3088,
0.3621

 29.0361, 0.3014,
0.4094


 78.0737, 0.3054,
0.3853

 19.1082, 0.2989,
0.4228


 102.1187, 0.3062,
0.3802

 11.7485, 0.2953,
0.4414


 130.6540, 0.3068,
0.3759

 6.5726, 0.2893,
0.4688

164.0639, 0.3073,
0.3723

 3.1963, 0.2785,
0.5132

202.7329, 0.3078,
0.3692

 1.2351, 0.2695,
0.6969

247.0453, 0.3082,


 0.0901, 0.0000,


0.3665


1.0000

297.3855, 0.3085,
0.3641


 0.0000, 0.0000,
0.0000


 41.9168, 0.3031,
0.3994


 41.9168, 0.3031,
0.3994


 40.1156, 0.3000,
0.4287


 44.0563, 0.3064,
0.3725


 38.6302, 0.2973,
0.4598

 46.5446, 0.3097,
0.3484


 37.4440, 0.2953,
0.4913

 49.3983, 0.3130,
0.3270

 36.5362, 0.2942,
0.5215

 52.6314, 0.3162,
0.3084

 35.8838, 0.2940,
0.5486

 56.2571, 0.3191,
0.2922

■ 35.4597, 0.2950,
0.5707

■ 60.2880, 0.3219,
0.2782

■ 35.2186, 0.2965,
0.5865

■ 63.3407, 0.3189,
0.2650

■ 35.1994, 0.2966,
0.5878

■ 63.5980, 0.3159,
0.2614

Harmonies

Analogous

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



41.9168, 0.3494, 0.4140



41.9168, 0.3031, 0.3994



41.9168, 0.2614, 0.3606

Triad

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



41.9168, 0.3031, 0.3994



41.9168, 0.2404, 0.2568



41.9168, 0.3975, 0.3345

Complementary

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



41.9168, 0.3031, 0.3994



30.1629, 0.3241, 0.2676

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.



41.9168, 0.3639, 0.2986



41.9168, 0.3031, 0.3994



41.9168, 0.2721, 0.2554

Square

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



41.9168, 0.3031, 0.3994



41.9168, 0.2273, 0.2767



41.9168, 0.3170, 0.2705



41.9168, 0.4060, 0.3716

Rectangle

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



41.9168, 0.3031, 0.3994



41.9168, 0.2414, 0.3292



41.9168, 0.3170, 0.2705



41.9168, 0.3887, 0.3220

Sweetspot

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



41.9186, 0.3031, 0.3994



84.3026, 0.3097, 0.3486



46.3448, 0.3493, 0.4020



18.4107, 0.3092, 0.3520



95.5105, 0.3127, 0.3290



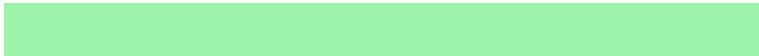
19.5994, 0.3127, 0.3290

Same Dimension

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



41.9186, 0.3031, 0.3994



73.7697, 0.3010, 0.4184



42.7861, 0.2846, 0.3583



10.0812, 0.3096, 0.3491



23.6880, 0.2962, 0.5862



0.8420, 0.2853, 0.5469

Inverse Universe

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



30.1629, 0.3241, 0.2676



48.8900, 0.3273, 0.2536



29.2083, 0.3528, 0.3017



9.1393, 0.3159, 0.3097



8.7048, 0.3615, 0.1765



0.3131, 0.3495, 0.1699

Previews

White Background



This preview shows how the Yxy color 41.9168, 0.3031, 0.3994 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 41.9168, 0.3031, 0.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

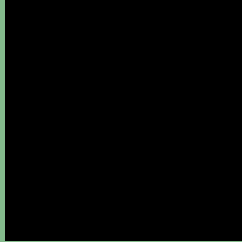
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9168, 0.3031, 0.3994

Background



This preview shows how black text looks on a background with the Yxy color 41.9168, 0.3031, 0.3994.



This preview shows how white text looks on a background with the Yxy color 41.9168, 0.3031, 0.3994.

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

41.9168, 0.3031, 0.3994

Protanopia

41.4166, 0.3570, 0.3809

Deuteranopia

41.4282, 0.3646, 0.3577



Tritanopia

41.8412, 0.2727, 0.3092

Trichromacy



Original Color

41.9168, 0.3031, 0.3994

Protanomaly

41.2212, 0.3358, 0.3879

Deuteranomaly

40.9843, 0.3402, 0.3710

Tritanomaly

41.9152, 0.2832, 0.3406

Monochromacy



Original Color

41.9168, 0.3031, 0.3994

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.0597, 0.3089, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9168, 0.3031, 0.3994 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(132, 186, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 186, 140)  
}
```

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(132, 186, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 186, 140) }
```

Border

The CSS property to change the border of an element to Yxy 41.9168, 0.3031, 0.3994 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(132, 186, 140) }
```

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

```
.border{ border-color:rgb(132, 186, 140) }
```

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

Here you see how a box with a 4 pixel rgb(132, 186, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 186, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 186, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 186,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9168, 0.3031, 0.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 186, 140) }
```

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

```
.background{ background-color: rgb(132,  
186, 140) }
```

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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