

Converting Colors

Yxy(44.5369, 0.3026, 0.4103)

Have a look what the booklet for
Yxy(44.5369, 0.3026, 0.4103)
contains.

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Color

Yxy(44.3092, 0.3021, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	82C08B
RGB	130, 192, 139
RGB Percent	51%, 75%, 55%
CMY	0.4904, 0.2470, 0.4548
CMYK	0.32, 0.00, 0.28, 0.25
HSL	129°, 33%, 63%
HSV	129°, 32%, 75%
XYZ	32.7121, 44.3092, 31.2612
YIQ	167.4200, -19.9390, -29.6270

Conversions

Conversions Part 2

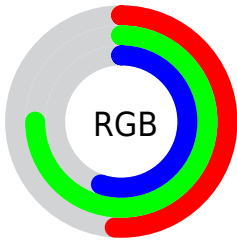
Format	Color
RYB	130, 184, 192
Decimal	8568971
CIELab	72.43, -30.79, 20.53
CIELCh	72, 37.006, 146.299
Yxy	44.3092, 0.3021, 0.4092
Android (android.graphics.Color)	4286759051 (0xFF82C08B)
YUV	167.4200, -14.0111, -32.8173
Hunter-Lab	66.5652, -28.7687, 18.7511

Details

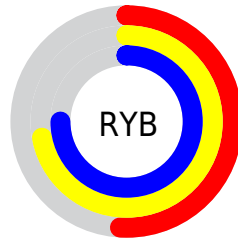
The Yxy color **44.3092, 0.3021, 0.4092** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.5794, 0.3256, 0.2603**, and the grayscale version is **38.9337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9159, 0.3048, 0.3932**, and **20.5179, 0.2972, 0.4345** is the 20% darker color. If you saturate the color by 10%, you get **42.4882, 0.2991, 0.4393**, and if you desaturate by 10%, it is **46.4891, 0.3053, 0.3813**.

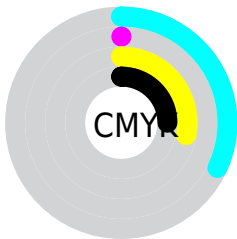
Distribution



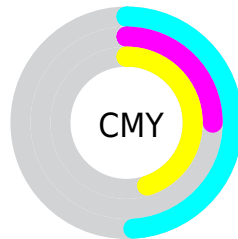
- Red (51%)
- Green (75%)
- Blue (55%)



- Red (51%)
- Yellow (72%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)




- Cyan (49%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3092, 0.3021, 0.4092 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 44.3092, 0.3021, 0.4092 by changing the saturation by 10% instead.


 44.3092, 0.3021,
0.4092


 44.3092, 0.3021,
0.4092


363.9685, 0.3085,
0.3669

 30.9137, 0.3001,
0.4205


 81.6828, 0.3047,
0.3933

 20.5331, 0.2974,
0.4355


 106.4297, 0.3056,
0.3875

 12.7832, 0.2932,
0.4561


 135.7291, 0.3063,
0.3826

 7.2794, 0.2865,
0.4864

169.9655, 0.3069,
0.3785

 3.6374, 0.2742,
0.5345

209.5232, 0.3074,
0.3750

 1.4729, 0.2660,
0.7037

254.7867, 0.3078,

 0.2695, 0.0000,

0.3719

1.0000

306.1404, 0.3082,
0.3692

■ 0.0000, 0.0000,
0.0000

■ 44.3092, 0.3021,
0.4092

■ 44.3092, 0.3021,
0.4092

■ 42.4882, 0.2991,
0.4393

■ 46.4891, 0.3053,
0.3813

■ 41.0016, 0.2967,
0.4708

■ 49.0398, 0.3087,
0.3561

■ 39.8304, 0.2949,
0.5022


■ 51.9797, 0.3120,
0.3338


■ 38.9516, 0.2941,
0.5317

■ 55.3242, 0.3151,
0.3142


■ 38.3388, 0.2943,
0.5573

■ 59.0878, 0.3182,
0.2972

 37.9608, 0.2956,
0.5772

 63.2843, 0.3210,
0.2825

 37.7877, 0.2967,
0.5882

 66.1069, 0.3165,
0.2684

 66.1837, 0.3156,
0.2673

Harmonies

Analogous

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



44.3092, 0.3538, 0.4247



44.3092, 0.3021, 0.4092



44.3092, 0.2557, 0.3652

Triad

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



44.3092, 0.3021, 0.4092



44.3092, 0.2320, 0.2488



44.3092, 0.4077, 0.3339

Complementary

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



44.3092, 0.3021, 0.4092



30.5794, 0.3256, 0.2603

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.



44.3092, 0.3695, 0.2945



44.3092, 0.3021, 0.4092



44.3092, 0.2667, 0.2473

Square

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



44.3092, 0.3021, 0.4092



44.3092, 0.2178, 0.2706



44.3092, 0.3165, 0.2638



44.3092, 0.4173, 0.3751

Rectangle

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



44.3092, 0.3021, 0.4092



44.3092, 0.2335, 0.3294



44.3092, 0.3165, 0.2638



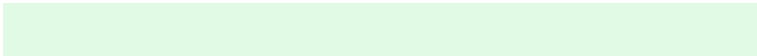
44.3092, 0.3976, 0.3202

Sweetspot

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



44.3111, 0.3021, 0.4092



89.9347, 0.3094, 0.3511



49.4722, 0.3535, 0.4107



19.1398, 0.3089, 0.3544



97.7402, 0.3127, 0.3290



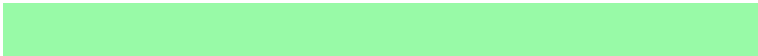
20.4902, 0.3127, 0.3290

Same Dimension

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



44.3111, 0.3021, 0.4092



77.8047, 0.2999, 0.4311



45.3207, 0.2816, 0.3622



11.2823, 0.3096, 0.3492



25.4313, 0.2963, 0.5868



1.1067, 0.2868, 0.5524

Inverse Universe

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



30.5794, 0.3256, 0.2603



48.9418, 0.3292, 0.2449



29.4529, 0.3590, 0.2983



10.2214, 0.3159, 0.3096



9.3525, 0.3611, 0.1763



0.4111, 0.3508, 0.1706

Previews

White Background



This preview shows how the Yxy color 44.3092, 0.3021, 0.4092 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 44.3092, 0.3021, 0.4092 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 44.3092, 0.3021, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 44.3092, 0.3021, 0.4092.



This preview shows how white text looks on a background with the Yxy color 44.3092, 0.3021, 0.4092.

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

44.3092, 0.3021, 0.4092

Protanopia

44.0574, 0.3628, 0.3887

Deuteranopia

43.7422, 0.3691, 0.3621



Tritanopia

44.1553, 0.2694, 0.3082

Trichromacy



Original Color

44.3092, 0.3021, 0.4092

Protanomaly

43.5300, 0.3382, 0.3952

Deuteranomaly

43.2588, 0.3426, 0.3785

Tritanomaly

44.1182, 0.2816, 0.3433

Monochromacy



Original Color

44.3092, 0.3021, 0.4092

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.3550, 0.3088, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3092, 0.3021, 0.4092 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(130, 192, 139)` looks like.

```
.text, #text, p{  
    color:rgb(130, 192, 139)  
}
```

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(130, 192, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 192, 139) }
```

Border

The CSS property to change the border of an element to Yxy 44.3092, 0.3021, 0.4092 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(130, 192, 139) }
```

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

```
.border{ border-color:rgb(130, 192, 139) }
```

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

Here you see how a box with a 4 pixel rgb(130, 192, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 192, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 192, 139);  
box-shadow:4px 4px 4px 4px rgb(130, 192,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3092, 0.3021, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 192, 139) }
```

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

```
.background{ background-color: rgb(130,  
192, 139) }
```

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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