

Converting Colors

$Yxy(42.3198, 0.3297, 0.4245)$

Have a look what the booklet for
Yxy(42.3198, 0.3297, 0.4245)
contains.

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Color

Yxy(42.2814, 0.3295, 0.4244)

Conversions

Conversions Part 1

Format	Color
Hex	93B979
RGB	147, 185, 121
RGB Percent	58%, 73%, 47%
CMY	0.4237, 0.2745, 0.5255
CMYK	0.21, 0.00, 0.35, 0.27
HSL	96°, 31%, 60%
HSV	96°, 35%, 73%
XYZ	32.8269, 42.2814, 24.5180
YIQ	166.3420, -2.1040, -27.9600

Conversions

Conversions Part 2

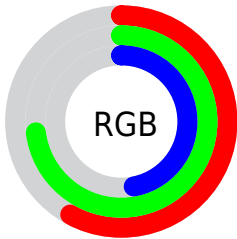
Format	Color
RYB	121, 185, 159
Decimal	9681273
CIELab	71.06, -24.47, 28.44
CIELCh	71, 37.516, 130.716
Yxy	42.2814, 0.3295, 0.4244
Android (android.graphics.Color)	4287871353 (0xFF93B979)
YUV	166.3420, -22.3536, -16.9629
Hunter-Lab	65.0241, -23.6781, 23.1610

Details

The Yxy color **42.2814, 0.3295, 0.4244** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.5531, 0.2888, 0.2372**, and the grayscale version is **38.4154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5231, 0.3274, 0.4051**, and **19.3904, 0.3323, 0.4567** is the 20% darker color. If you saturate the color by 10%, you get **40.9037, 0.3330, 0.4553**, and if you desaturate by 10%, it is **43.8470, 0.3251, 0.3944**.

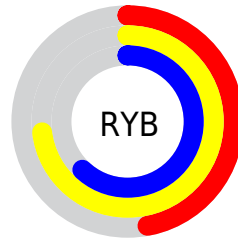
Distribution



Red (58%)

Green (73%)

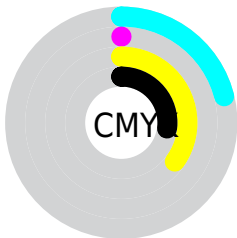
Blue (47%)



Red (47%)

Yellow (73%)

Blue (62%)

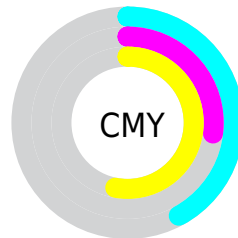


Cyan (21%)

Magenta (0%)

Yellow (35%)

Black (27%)



Cyan (42%)


Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2814, 0.3295, 0.4244 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 42.2814, 0.3295, 0.4244 by changing the saturation by 10% instead.


 42.2814, 0.3295,
0.4244


 42.2814, 0.3295,
0.4244


355.6481, 0.3223,
0.3740


 29.3217, 0.3307,
0.4378


 78.6253, 0.3273,
0.4055

 19.3243, 0.3320,
0.4554


 102.7784, 0.3263,
0.3985

 11.9049, 0.3328,
0.4795


 131.4313, 0.3255,
0.3927

 6.6789, 0.3323,
0.5142

164.9685, 0.3247,
0.3878

 3.2621, 0.3305,
0.5727

203.7744, 0.3240,
0.3836

 1.2701, 0.3086,
0.6914

248.2334, 0.3234,

 0.1178, 0.0000,

0.3800

1.0000

298.7298, 0.3228,
0.3768

0.0000, 0.0000,
0.0000

42.2814, 0.3295,
0.4244

42.2814, 0.3295,
0.4244

40.9037, 0.3330,
0.4553

43.8470, 0.3251,
0.3944

39.7008, 0.3354,
0.4859

45.6022, 0.3202,
0.3662

38.6661, 0.3362,
0.5147

47.5557, 0.3151,
0.3402

37.7904, 0.3351,
0.5399


49.7138, 0.3099,
0.3165

37.0636, 0.3322,
0.5602

52.0827, 0.3049,
0.2953

 36.4736, 0.3275,
0.5744

 54.6682, 0.3000,
0.2764

 36.2009, 0.3247,
0.5804

 57.4759, 0.2954,
0.2596

 59.5760, 0.3006,
0.2572

 61.5057, 0.3090,
0.2590

Harmonies

Analogous

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



42.2814, 0.3797, 0.4227



42.2814, 0.3295, 0.4244



42.2814, 0.2772, 0.3926

Triad

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



42.2814, 0.3295, 0.4244



42.2814, 0.2195, 0.2554



42.2814, 0.3931, 0.3122

Complementary

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



42.2814, 0.3295, 0.4244



24.5531, 0.2888, 0.2372

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.



42.2814, 0.3435, 0.2757



42.2814, 0.3295, 0.4244



42.2814, 0.2445, 0.2434

Square

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



42.2814, 0.3295, 0.4244



42.2814, 0.2167, 0.2887



42.2814, 0.2886, 0.2512



42.2814, 0.4194, 0.3544

Rectangle

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



42.2814, 0.3295, 0.4244



42.2814, 0.2482, 0.3582



42.2814, 0.2886, 0.2512



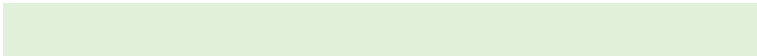
42.2814, 0.3783, 0.2991

Sweetspot

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



42.2832, 0.3295, 0.4244



83.1678, 0.3180, 0.3544



36.2660, 0.3754, 0.3809



17.8255, 0.3187, 0.3580



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.2832, 0.3295, 0.4244



73.6945, 0.3324, 0.4493



40.2832, 0.3042, 0.4222



10.2331, 0.3175, 0.3522



24.6857, 0.3256, 0.5796



0.9066, 0.3472, 0.5626

Inverse Universe

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



24.5531, 0.2888, 0.2372



36.8707, 0.2815, 0.2143



27.2718, 0.3223, 0.2508



8.9762, 0.3075, 0.3060



4.6844, 0.2231, 0.1003



0.2003, 0.2484, 0.1142

Previews

White Background



This preview shows how the Yxy color 42.2814, 0.3295, 0.4244 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 42.2814, 0.3295, 0.4244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

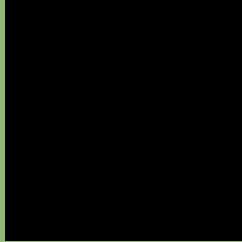
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2814, 0.3295, 0.4244

Background



This preview shows how black text looks on a background with the Yxy color 42.2814, 0.3295, 0.4244.



This preview shows how white text looks on a background with the Yxy color 42.2814, 0.3295, 0.4244.

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

42.2814, 0.3295, 0.4244

Protanopia

41.8395, 0.3762, 0.4053

Deuteranopia

41.8749, 0.3894, 0.3810



Tritanopia

42.0375, 0.2867, 0.3097

Trichromacy



Original Color

42.2814, 0.3295, 0.4244

Protanomaly

41.6365, 0.3582, 0.4117

Deuteranomaly

41.6567, 0.3664, 0.3955

Tritanomaly

41.8268, 0.3024, 0.3491

Monochromacy



Original Color

42.2814, 0.3295, 0.4244

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.4601, 0.3192, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2814, 0.3295, 0.4244 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(147, 185, 121)` looks like.

```
.text, #text, p{  
    color:rgb(147, 185, 121)  
}
```

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(147, 185, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 185, 121) }
```

Border

The CSS property to change the border of an element to Yxy 42.2814, 0.3295, 0.4244 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(147, 185, 121) }
```

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

```
.border{ border-color:rgb(147, 185, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 185, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 185, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 185, 121);  
box-shadow:4px 4px 4px 4px rgb(147, 185,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2814, 0.3295, 0.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 185, 121) }
```

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

```
.background{ background-color: rgb(147,  
185, 121) }
```

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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