

Converting Colors

$Yxy(42.1360, 0.3091, 0.3887)$

Have a look what the booklet for
Yxy(42.1360, 0.3091, 0.3887)
contains.

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Color

Yxy(42.1342, 0.3091, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	8FB890
RGB	143, 184, 144
RGB Percent	56%, 72%, 56%
CMY	0.4391, 0.2784, 0.4352
CMYK	0.22, 0.00, 0.22, 0.28
HSL	121°, 22%, 64%
HSV	121°, 22%, 72%
XYZ	33.5057, 42.1342, 32.7578
YIQ	167.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

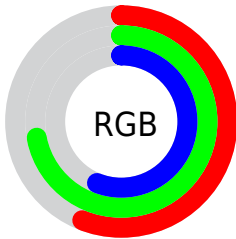
Format	Color
RYB	143, 183, 184
Decimal	9418896
CIELab	70.96, -21.63, 15.92
CIELCh	71, 26.863, 143.646
Yxy	42.1342, 0.3091, 0.3887
Android (android.graphics.Color)	4287608976 (0xFF8FB890)
YUV	167.1810, -11.4282, -21.2067
Hunter-Lab	64.9109, -21.4557, 15.5164

Details

The Yxy color $42.1342, 0.3091, 0.3887$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $33.2608, 0.3162, 0.2758$, and the grayscale version is $38.8006, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2677, 0.3098, 0.3767$, and $19.2982, 0.3078, 0.4096$ is the 20% darker color. If you saturate the color by 10%, you get $40.1198, 0.3073, 0.4206$, and if you desaturate by 10%, it is $44.5088, 0.3108, 0.3599$.

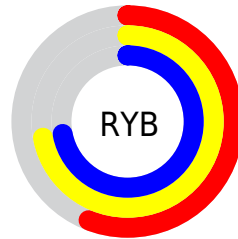
Distribution



Red (56%)

Green (72%)

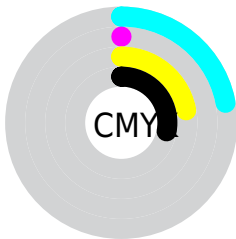
Blue (56%)



Red (56%)

Yellow (72%)

Blue (72%)

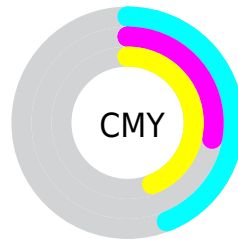


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (28%)



Cyan (44%)


Magenta (28%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1342, 0.3091, 0.3887 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 42.1342, 0.3091, 0.3887 by changing the saturation by 10% instead.


 42.1342, 0.3091,
0.3887

 42.1342, 0.3091,
0.3887


355.0389, 0.3115,
0.3573

 29.2064, 0.3083,
0.3971


 78.4027, 0.3101,
0.3769

 19.2370, 0.3071,
0.4082


 102.5122, 0.3105,
0.3726

 11.8417, 0.3052,
0.4235


131.1176, 0.3107,
0.3690

 6.6360, 0.3021,
0.4461

164.6035, 0.3109,
0.3659

 3.2355, 0.2959,
0.4824

203.3542, 0.3111,
0.3633

 1.2559, 0.2993,
0.6010

247.7541, 0.3113,

 0.1066, 0.0000,

0.3610

1.0000

298.1875, 0.3114,
0.3590

0.0000, 0.0000,
0.0000

42.1342, 0.3091,
0.3887

42.1342, 0.3091,
0.3887

40.1198, 0.3073,
0.4206

44.5088, 0.3108,
0.3599

38.4431, 0.3054,
0.4547

47.2544, 0.3124,
0.3343

37.0872, 0.3037,
0.4897

50.3877, 0.3138,
0.3121


36.0315, 0.3021,
0.5233


53.9232, 0.3151,
0.2928

35.2534, 0.3009,
0.5530


57.8742, 0.3162,
0.2763

 34.7266, 0.3001,
0.5764

 62.2538, 0.3172,
0.2621

 34.4202, 0.2998,
0.5917

 62.7603, 0.3160,
0.2595

 34.2901, 0.2996,
0.5985

Harmonies

Analogous

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



42.1342, 0.3474, 0.3989



42.1342, 0.3091, 0.3887



42.1342, 0.2732, 0.3588

Triad

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



42.1342, 0.3091, 0.3887



42.1342, 0.2503, 0.2697



42.1342, 0.3808, 0.3310

Complementary

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



42.1342, 0.3091, 0.3887



33.2608, 0.3162, 0.2758

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.



42.1342, 0.3516, 0.3009



42.1342, 0.3091, 0.3887



42.1342, 0.2758, 0.2665

Square

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



42.1342, 0.3091, 0.3887



42.1342, 0.2408, 0.2885



42.1342, 0.3125, 0.2779



42.1342, 0.3903, 0.3624

Rectangle

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



42.1342, 0.3091, 0.3887



42.1342, 0.2553, 0.3335



42.1342, 0.3125, 0.2779



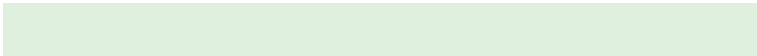
42.1342, 0.3729, 0.3205

Sweetspot

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



42.1360, 0.3091, 0.3887



83.1645, 0.3116, 0.3463



46.3701, 0.3452, 0.3838



17.8653, 0.3115, 0.3478



93.3107, 0.3127, 0.3290



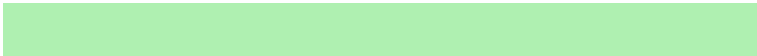
18.7317, 0.3127, 0.3290

Same Dimension

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



42.1360, 0.3091, 0.3887



74.4118, 0.3082, 0.4049



42.8092, 0.2942, 0.3579



10.0635, 0.3113, 0.3520



23.6344, 0.2995, 0.5981



0.8344, 0.2974, 0.5905

Inverse Universe

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



33.2608, 0.3162, 0.2758



55.3061, 0.3171, 0.2633



32.4798, 0.3363, 0.3019



9.1589, 0.3141, 0.3070



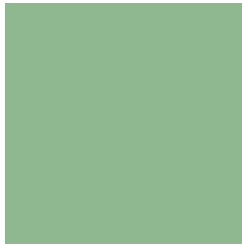
9.2829, 0.3270, 0.1575



0.3284, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 42.1342, 0.3091, 0.3887 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 42.1342, 0.3091, 0.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

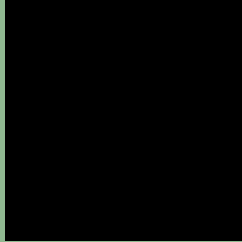
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1342, 0.3091, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 42.1342, 0.3091, 0.3887.



This preview shows how white text looks on a background with the Yxy color 42.1342, 0.3091, 0.3887.

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

42.1342, 0.3091, 0.3887

Protanopia

41.9416, 0.3523, 0.3753

Deuteranopia

41.9177, 0.3605, 0.3538



Tritanopia

42.2259, 0.2800, 0.3095

Trichromacy



Original Color

42.1342, 0.3091, 0.3887

Protanomaly

41.8024, 0.3353, 0.3800

Deuteranomaly

41.5774, 0.3405, 0.3648

Tritanomaly

42.0336, 0.2900, 0.3361

Monochromacy



Original Color

42.1342, 0.3091, 0.3887

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.6594, 0.3109, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1342, 0.3091, 0.3887 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(143, 184, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 184, 144)  
}
```

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(143, 184, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 184, 144) }
```

Border

The CSS property to change the border of an element to Yxy 42.1342, 0.3091, 0.3887 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(143, 184, 144) }
```

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

```
.border{ border-color:rgb(143, 184, 144) }
```

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

Here you see how a box with a 4 pixel rgb(143, 184, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 184, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 184, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 184,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1342, 0.3091, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 184, 144) }
```

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

```
.background{ background-color: rgb(143,  
184, 144) }
```

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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