

Converting Colors

$Yxy(43.1072, 0.3058, 0.4216)$

Have a look what the booklet for
Yxy(43.1072, 0.3058, 0.4216)
contains.

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Color

Yxy(42.9506, 0.3061, 0.4215)

Conversions

Conversions Part 1

Format	Color
Hex	7FBE82
RGB	127, 190, 130
RGB Percent	50%, 75%, 51%
CMY	0.5020, 0.2549, 0.4903
CMYK	0.33, 0.00, 0.32, 0.25
HSL	123°, 33%, 62%
HSV	123°, 33%, 75%
XYZ	31.1914, 42.9506, 27.7574
YIQ	164.3230, -18.2880, -32.0160

Conversions

Conversions Part 2

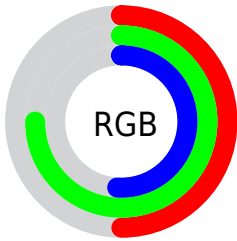
Format	Color
RYB	127, 187, 190
Decimal	8371842
CIELab	71.52, -32.37, 24.08
CIElCh	72, 40.344, 143.347
Yxy	42.9506, 0.3061, 0.4215
Android (android.graphics.Color)	4286561922 (0xFF7FBE82)
YUV	164.3230, -16.9212, -32.7323
Hunter-Lab	65.5367, -29.7343, 20.7640

Details

The Yxy color $42.9506, 0.3061, 0.4215$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $29.7098, 0.3196, 0.2512$, and the grayscale version is $37.3728, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.8855, 0.3086, 0.4035$, and $19.6834, 0.3022, 0.4522$ is the 20% darker color. If you saturate the color by 10%, you get $41.1849, 0.3041, 0.4551$, and if you desaturate by 10%, it is $45.0805, 0.3082, 0.3901$.

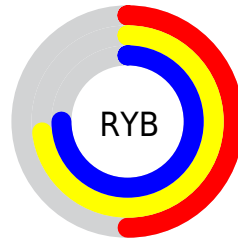
Distribution



Red (50%)

Green (75%)

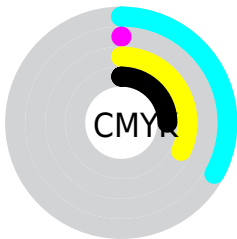
Blue (51%)



Red (50%)

Yellow (73%)

Blue (75%)

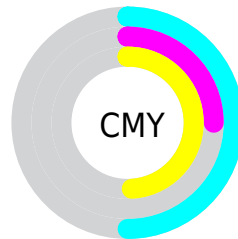


Cyan (33%)

Magenta (0%)

Yellow (32%)

Black (25%)



Cyan (50%)


Magenta (25%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9506, 0.3061, 0.4215 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 42.9506, 0.3061, 0.4215 by changing the saturation by 10% instead.


 42.9506, 0.3061,
0.4215


 42.9506, 0.3061,
0.4215


358.4086, 0.3108,
0.3722

 29.8464, 0.3044,
0.4348


 79.6363, 0.3082,
0.4029

 19.7220, 0.3019,
0.4524


 103.9866, 0.3088,
0.3961

 12.1931, 0.2979,
0.4768


 132.8543, 0.3094,
0.3905

 6.8753, 0.2909,
0.5127

166.6238, 0.3098,
0.3857

 3.3843, 0.2771,
0.5697

205.6797, 0.3101,
0.3816

 1.3355, 0.2402,
0.7598

250.4061, 0.3104,

 0.1684, 0.0000,

0.3781

1.0000

301.1876, 0.3106,
0.3750

0.0000, 0.0000,
0.0000

42.9506, 0.3061,
0.4215

42.9506, 0.3061,
0.4215

41.1849, 0.3041,
0.4551

45.0805, 0.3082,
0.3901

39.7579, 0.3022,
0.4895

47.5876, 0.3102,
0.3616

38.6496, 0.3006,
0.5226


50.4909, 0.3121,
0.3363

37.8354, 0.2996,
0.5520

53.8065, 0.3139,
0.3143


37.2873, 0.2991,
0.5753

57.5496, 0.3155,
0.2952

 36.9719, 0.2992,
0.5909

 61.7347, 0.3170,
0.2787

 36.8507, 0.2992,
0.5971

 65.3109, 0.3157,
0.2653

Harmonies

Analogous

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



42.9506, 0.3625, 0.4343



42.9506, 0.3061, 0.4215



42.9506, 0.2542, 0.3746

Triad

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



42.9506, 0.3061, 0.4215



42.9506, 0.2221, 0.2426



42.9506, 0.4145, 0.3293

Complementary

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



42.9506, 0.3061, 0.4215



29.7098, 0.3196, 0.2512

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.



42.9506, 0.3697, 0.2874



42.9506, 0.3061, 0.4215



42.9506, 0.2575, 0.2392

Square

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



42.9506, 0.3061, 0.4215



42.9506, 0.2090, 0.2681



42.9506, 0.3108, 0.2555



42.9506, 0.4283, 0.3742

Rectangle

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



42.9506, 0.3061, 0.4215



42.9506, 0.2289, 0.3348



42.9506, 0.3108, 0.2555



42.9506, 0.4024, 0.3146

Sweetspot

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



42.9524, 0.3061, 0.4215



87.7333, 0.3108, 0.3536



49.0423, 0.3602, 0.4112



19.1072, 0.3105, 0.3574



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.



42.9524, 0.3061, 0.4215



75.3739, 0.3046, 0.4465



43.9002, 0.2852, 0.3730



10.6568, 0.3110, 0.3515



24.5043, 0.2990, 0.5964



0.9624, 0.2952, 0.5826

Inverse Universe

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



29.7098, 0.3196, 0.2512



47.5959, 0.3213, 0.2343



28.5352, 0.3532, 0.2891



9.6882, 0.3145, 0.3074



9.4998, 0.3330, 0.1608



0.3746, 0.3299, 0.1591

Previews

White Background



This preview shows how the Yxy color 42.9506, 0.3061, 0.4215 looks on a white background.

Color Contrast Check

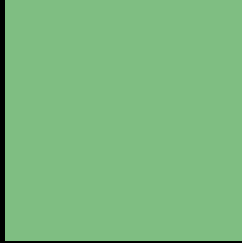
Large Text (above 18pt) WCAG AA × Fail

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 42.9506, 0.3061, 0.4215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

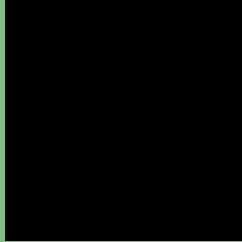
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9506, 0.3061, 0.4215

Background



This preview shows how black text looks on a background with the Yxy color 42.9506, 0.3061, 0.4215.



This preview shows how white text looks on a background with the Yxy color 42.9506, 0.3061, 0.4215.

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

42.9506, 0.3061, 0.4215

Protanopia

42.3935, 0.3698, 0.3974

Deuteranopia

42.2241, 0.3776, 0.3700



Tritanopia

42.9304, 0.2690, 0.3093

Trichromacy



Original Color

42.9506, 0.3061, 0.4215

Protanomaly

42.2559, 0.3441, 0.4060

Deuteranomaly

41.5835, 0.3492, 0.3876

Tritanomaly

42.8274, 0.2826, 0.3480

Monochromacy



Original Color

42.9506, 0.3061, 0.4215

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.7334, 0.3104, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9506, 0.3061, 0.4215 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(127, 190, 130)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 130)  
}
```

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(127, 190, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 130) }
```

Border

The CSS property to change the border of an element to Yxy 42.9506, 0.3061, 0.4215 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(127, 190, 130) }
```

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

```
.border{ border-color:rgb(127, 190, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 190, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 190, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 190, 130);  
box-shadow:4px 4px 4px 4px rgb(127, 190,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9506, 0.3061, 0.4215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 130) }
```

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

```
.background{ background-color: rgb(127,  
190, 130) }
```

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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