

Converting Colors

Yxy(43.5488, 0.3221, 0.4749)

Have a look what the booklet for
Yxy(43.5488, 0.3221, 0.4749)
contains.

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Color

Yxy(43.6220, 0.3219, 0.4749)

Conversions

Conversions Part 1

Format	Color
Hex	7AC263
RGB	122, 194, 99
RGB Percent	48%, 76%, 39%
CMY	0.5216, 0.2392, 0.6118
CMYK	0.37, 0.00, 0.49, 0.24
HSL	105°, 44%, 57%
HSV	105°, 49%, 76%
XYZ	29.5682, 43.6220, 18.6650
YIQ	161.6420, -12.4170, -44.8090

Conversions

Conversions Part 2

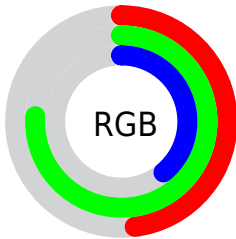
Format	Color
RYB	99, 194, 171
Decimal	8045155
CIELab	71.98, -40.41, 40.58
CIELCh	72, 57.270, 134.881
Yxy	43.6220, 0.3219, 0.4749
Android (android.graphics.Color)	4286235235 (0xFF7AC263)
YUV	161.6420, -30.8825, -34.7660
Hunter-Lab	66.0470, -35.6706, 29.4774

Details

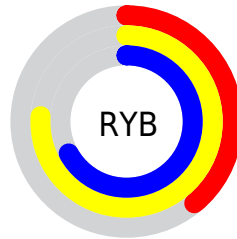
The Yxy color **43.6220, 0.3219, 0.4749** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **21.4791, 0.2924, 0.2026**, and the grayscale version is **36.1057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7263, 0.3225, 0.4449**, and **20.2069, 0.3184, 0.5224** is the 20% darker color. If you saturate the color by 10%, you get **42.3029, 0.3217, 0.5073**, and if you desaturate by 10%, it is **45.1964, 0.3211, 0.4418**.

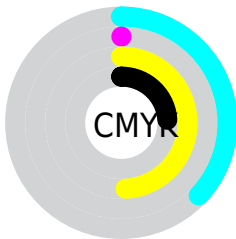
Distribution



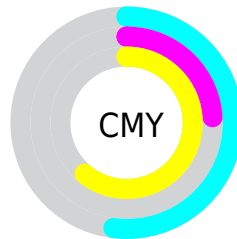
- Red (48%)
- Green (76%)
- Blue (39%)



- Red (39%)
- Yellow (76%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (49%)
- Black (24%)





- Cyan (52%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6220, 0.3219, 0.4749 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 43.6220, 0.3219, 0.4749 by changing the saturation by 10% instead.


 43.6220, 0.3219,
0.4749


 43.6220, 0.3219,
0.4749


361.1635, 0.3207,
0.3969


 30.3734, 0.3208,
0.4956


 80.6486, 0.3225,
0.4455

 20.1222, 0.3183,
0.5227


 105.1955, 0.3224,
0.4348

 12.4839, 0.3131,
0.5592


 134.2773, 0.3222,
0.4258

 7.0741, 0.3020,
0.6101

 168.2784, 0.3219,
0.4183

 3.5085, 0.2888,
0.7112

207.5831, 0.3216,
0.4118

 1.4026, 0.1632,
0.8368

252.5760, 0.3213,


 0.2187, 0.0000,


0.4061


1.0000


303.6413, 0.3210,
0.4012


 0.0000, 0.0000,
0.0000


 43.6220, 0.3219,
0.4749


 43.6220, 0.3219,
0.4749


 42.3029, 0.3217,
0.5073


 45.1964, 0.3211,
0.4418


 41.2197, 0.3203,
0.5369


 47.0333, 0.3196,
0.4095


 40.3592, 0.3176,
0.5617


 49.1462, 0.3175,
0.3792


 39.7041, 0.3140,
0.5800

 51.5462, 0.3150,
0.3515


 39.2303, 0.3098,
0.5915

 54.2436, 0.3124,
0.3266

 39.1894, 0.3094,
0.5925

 57.2485, 0.3098,
0.3044

 60.5703, 0.3072,
0.2850

 64.2179, 0.3046,
0.2679

 66.9430, 0.3150,
0.2692

Harmonies

Analogous

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



43.6220, 0.3976, 0.4710



43.6220, 0.3219, 0.4749



43.6220, 0.2478, 0.4184

Triad

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



43.6220, 0.3219, 0.4749



43.6220, 0.1828, 0.2170



43.6220, 0.4425, 0.3094

Complementary

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



43.6220, 0.3219, 0.4749



21.4791, 0.2924, 0.2026

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.



43.6220, 0.3692, 0.2582



43.6220, 0.3219, 0.4749



43.6220, 0.2204, 0.2069

Square

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



43.6220, 0.3219, 0.4749



43.6220, 0.1741, 0.2572



43.6220, 0.2859, 0.2220



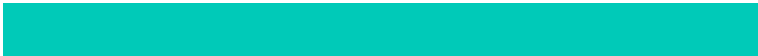
43.6220, 0.4742, 0.3677

Rectangle

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



43.6220, 0.3219, 0.4749



43.6220, 0.2096, 0.3597



43.6220, 0.2859, 0.2220



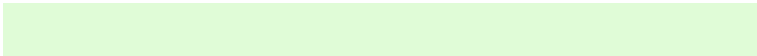
43.6220, 0.4214, 0.2912

Sweetspot

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



43.6239, 0.3219, 0.4749



90.5951, 0.3166, 0.3686



41.2161, 0.3978, 0.4212



19.6405, 0.3171, 0.3747



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.6239, 0.3219, 0.4749



76.4287, 0.3216, 0.5103



42.6630, 0.2914, 0.4440



11.3739, 0.3151, 0.3525



25.7963, 0.3101, 0.5919



1.1478, 0.3269, 0.5786

Inverse Universe

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



21.4791, 0.2924, 0.2026



31.5202, 0.2858, 0.1767



23.3057, 0.3463, 0.2374



10.1208, 0.3100, 0.3060



6.6826, 0.2610, 0.1211



0.3190, 0.2750, 0.1289

Previews

White Background



This preview shows how the Yxy color 43.6220, 0.3219, 0.4749 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 43.6220, 0.3219, 0.4749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

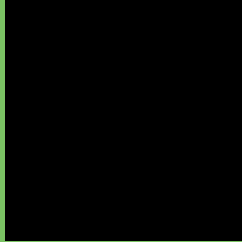
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6220, 0.3219, 0.4749

Background



This preview shows how black text looks on a background with the Yxy color 43.6220, 0.3219, 0.4749.



This preview shows how white text looks on a background with the Yxy color 43.6220, 0.3219, 0.4749.

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

43.6220, 0.3219, 0.4749

Protanopia

43.3103, 0.3988, 0.4345

Deuteranopia

43.1920, 0.4121, 0.4041



Tritanopia

43.4332, 0.2679, 0.3080

Trichromacy



Original Color

43.6220, 0.3219, 0.4749

Protanomaly

43.0180, 0.3683, 0.4507

Deuteranomaly

42.1269, 0.3770, 0.4293

Tritanomaly

43.1358, 0.2883, 0.3661

Monochromacy



Original Color

43.6220, 0.3219, 0.4749

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.3392, 0.3173, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6220, 0.3219, 0.4749 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(122, 194, 99)` looks like.

```
.text, #text, p{  
    color:rgb(122, 194, 99)  
}
```

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(122, 194, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 194, 99) }
```

Border

The CSS property to change the border of an element to Yxy 43.6220, 0.3219, 0.4749 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(122, 194, 99) }
```

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

```
.border{ border-color:rgb(122, 194, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 194, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 194, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 194, 99);  
box-shadow:4px 4px 4px 4px rgb(122, 194,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6220, 0.3219, 0.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 194, 99) }
```

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

```
.background{ background-color: rgb(122,  
194, 99) }
```

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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