

Converting Colors

Yxy(39.9326, 0.3647, 0.4453)

Have a look what the booklet for
Yxy(39.9326, 0.3647, 0.4453)
contains.

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Color

Yxy(39.9702, 0.3647, 0.4453)

Conversions

Conversions Part 1

Format	Color
Hex	A2B160
RGB	162, 177, 96
RGB Percent	64%, 69%, 38%
CMY	0.3647, 0.3059, 0.6235
CMYK	0.08, 0.00, 0.46, 0.31
HSL	71°, 34%, 54%
HSV	71°, 46%, 69%
XYZ	32.7355, 39.9702, 17.0544
YIQ	163.2810, 17.0610, -28.3710

Conversions

Conversions Part 2

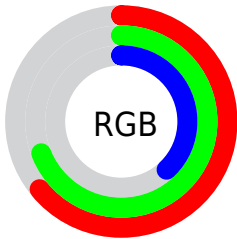
Format	Color
RYB	96, 177, 111
Decimal	10662240
CIELab	69.45, -17.83, 39.52
CIELCh	69, 43.352, 114.287
Yxy	39.9702, 0.3647, 0.4453
Android (android.graphics.Color)	4288852320 (0xFFA2B160)
YUV	163.2810, -33.1695, -1.1234
Hunter-Lab	63.2220, -18.2135, 28.2616

Details

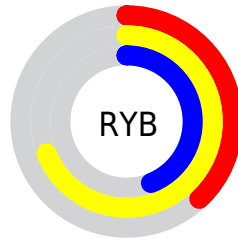
The Yxy color **39.9702, 0.3647, 0.4453** is a light color, and the websafe version is hex **999933**. A complement of this color would be **14.9178, 0.2422, 0.1935**, and the grayscale version is **36.9210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3214, 0.3563, 0.4233**, and **17.8717, 0.3761, 0.4792** is the 20% darker color. If you saturate the color by 10%, you get **39.3433, 0.3737, 0.4689**, and if you desaturate by 10%, it is **40.6830, 0.3543, 0.4200**.

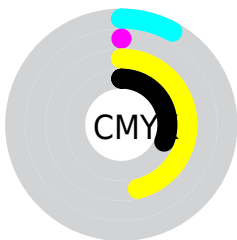
Distribution



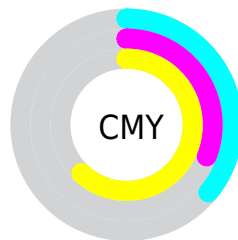
- Red (64%)
- Green (69%)
- Blue (38%)



- Red (38%)
- Yellow (69%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (46%)
- Black (31%)




- Cyan (36%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9702, 0.3647, 0.4453 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 39.9702, 0.3647, 0.4453 by changing the saturation by 10% instead.


 39.9702, 0.3647,
0.4453


 39.9702, 0.3647,
0.4453


345.9980, 0.3403,
0.3846

 27.5153, 0.3698,
0.4608


 75.1181, 0.3564,
0.4228


 17.9606, 0.3756,
0.4807


 98.5800, 0.3531,
0.4145

 10.9217, 0.3817,
0.5068


 126.4796, 0.3503,
0.4075

 6.0142, 0.3870,
0.5421

 159.2013, 0.3477,
0.4015

 2.8537, 0.3958,
0.6042

197.1297, 0.3455,
0.3964

 1.0559, 0.3461,
0.6539

240.6489, 0.3436,

 0.0000, 0.0000,

0.3920

0.0000

290.1436, 0.3418,
0.3880

■ 39.9702, 0.3647,
0.4453

■ 39.9702, 0.3647,
0.4453

■ 39.3433, 0.3737,
0.4689

■ 40.6830, 0.3543,
0.4200

■ 38.7919, 0.3808,
0.4897

■ 41.4810, 0.3429,
0.3939

■ 38.3120, 0.3855,
0.5069


■ 42.3701, 0.3312,
0.3680


■ 37.8972, 0.3877,
0.5196


■ 43.3543, 0.3194,
0.3429


■ 37.5391, 0.3875,
0.5280

■ 44.4373, 0.3079,
0.3191

 37.3968, 0.3871,
0.5309

 45.6224, 0.2969,
0.2969

 46.9132, 0.2866,
0.2765

 48.3126, 0.2769,
0.2578

 49.8045, 0.2682,
0.2412

Harmonies

Analogous

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



39.9702, 0.4154, 0.4221



39.9702, 0.3647, 0.4453



39.9702, 0.3029, 0.4307

Triad

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



39.9702, 0.3647, 0.4453



39.9702, 0.2000, 0.2605



39.9702, 0.3773, 0.2847

Complementary

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



39.9702, 0.3647, 0.4453



14.9178, 0.2422, 0.1935

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.



39.9702, 0.3123, 0.2499



39.9702, 0.3647, 0.4453



39.9702, 0.2149, 0.2342

Square

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



39.9702, 0.3647, 0.4453



39.9702, 0.2106, 0.3115



39.9702, 0.2538, 0.2317



39.9702, 0.4259, 0.3301

Rectangle

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



39.9702, 0.3647, 0.4453



39.9702, 0.2638, 0.3982



39.9702, 0.2538, 0.2317



39.9702, 0.3562, 0.2716

Sweetspot

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



39.9720, 0.3647, 0.4453



76.1402, 0.3294, 0.3641



21.5272, 0.4227, 0.3512



16.4238, 0.3319, 0.3695



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.9720, 0.3647, 0.4453



70.4432, 0.3738, 0.4693



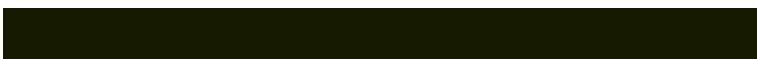
36.4011, 0.3269, 0.4611



9.8256, 0.3236, 0.3517



27.1192, 0.3874, 0.5306



0.8739, 0.3969, 0.5231

Inverse Universe

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



14.9178, 0.2422, 0.1935



19.9240, 0.2230, 0.1599



18.1521, 0.2871, 0.2089



8.3033, 0.3013, 0.3057



2.5512, 0.1596, 0.0653



0.1028, 0.1848, 0.0792

Previews

White Background



This preview shows how the Yxy color 39.9702, 0.3647, 0.4453 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 39.9702, 0.3647, 0.4453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

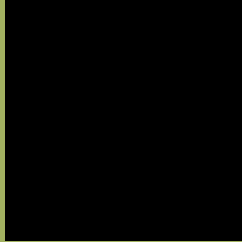
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9702, 0.3647, 0.4453

Background



This preview shows how black text looks on a background with the Yxy color 39.9702, 0.3647, 0.4453.



This preview shows how white text looks on a background with the Yxy color 39.9702, 0.3647, 0.4453.

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

39.9702, 0.3647, 0.4453

Protanopia

39.6054, 0.3954, 0.4300

Deuteranopia

39.8826, 0.4143, 0.4063



Tritanopia

39.7443, 0.3055, 0.3099

Trichromacy



Original Color

39.9702, 0.3647, 0.4453

Protanomaly

39.6603, 0.3837, 0.4360

Deuteranomaly

39.4854, 0.3958, 0.4189

Tritanomaly

39.6527, 0.3278, 0.3590

Monochromacy



Original Color

39.9702, 0.3647, 0.4453

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.6559, 0.3332, 0.3716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9702, 0.3647, 0.4453 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(162, 177, 96)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 96)  
}
```

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(162, 177, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 96) }
```

Border

The CSS property to change the border of an element to Yxy 39.9702, 0.3647, 0.4453 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(162, 177, 96) }
```

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

```
.border{ border-color:rgb(162, 177, 96) }
```

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

Here you see how a box with a 4 pixel rgb(162, 177, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 96);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9702, 0.3647, 0.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 177, 96) }
```

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

```
.background{ background-color: rgb(162,  
177, 96) }
```

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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