

Converting Colors

Yxy(39.4020, 0.3276, 0.4751)

Have a look what the booklet for
Yxy(39.4020, 0.3276, 0.4751)
contains.

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Color

Yxy(39.6082, 0.3280, 0.4758)

Conversions

Conversions Part 1

Format	Color
Hex	7AB95C
RGB	122, 185, 92
RGB Percent	48%, 73%, 36%
CMY	0.5217, 0.2745, 0.6392
CMYK	0.34, 0.00, 0.50, 0.27
HSL	101°, 40%, 54%
HSV	101°, 50%, 73%
XYZ	27.3045, 39.6082, 16.3328
YIQ	155.5610, -7.6950, -42.2790

Conversions

Conversions Part 2

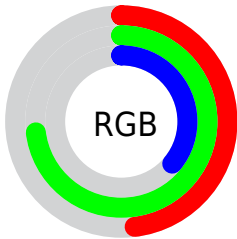
Format	Color
RYB	92, 185, 155
Decimal	8042844
CIELab	69.19, -37.28, 40.61
CIElCh	69, 55.129, 132.552
Yxy	39.6082, 0.3280, 0.4758
Android (android.graphics.Color)	4286232924 (0xFF7AB95C)
YUV	155.5610, -31.3356, -29.4330
Hunter-Lab	62.9350, -32.6937, 28.6677

Details

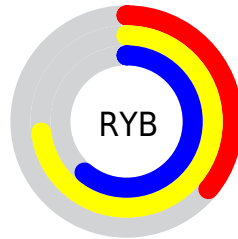
The Yxy color **39.6082, 0.3280, 0.4758** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **18.1315, 0.2830, 0.1965**, and the grayscale version is **33.1835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2713, 0.3276, 0.4454**, and **17.6650, 0.3263, 0.5246** is the 20% darker color. If you saturate the color by 10%, you get **38.4680, 0.3285, 0.5068**, and if you desaturate by 10%, it is **40.9489, 0.3263, 0.4438**.

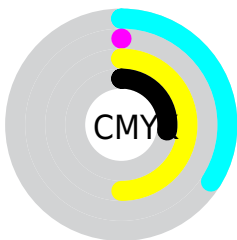
Distribution



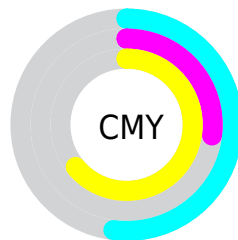
- Red (48%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (61%)



- Cyan (34%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)





- Cyan (52%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6082, 0.3280, 0.4758 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 39.6082, 0.3280, 0.4758 by changing the saturation by 10% instead.


 39.6082, 0.3280,
0.4758


 39.6082, 0.3280,
0.4758


344.4694, 0.3237,
0.3964

 27.2332, 0.3275,
0.4972


 74.5665, 0.3275,
0.4457

 17.7484, 0.3257,
0.5253


 97.9186, 0.3269,
0.4347

 10.7695, 0.3211,
0.5634


 125.6986, 0.3264,
0.4256

 5.9121, 0.3107,
0.6183

 158.2907, 0.3258,
0.4180

 2.7917, 0.2897,
0.7103

196.0795, 0.3252,
0.4114

 1.0240, 0.0526,
0.9474

239.4493, 0.3247,

 0.0000, 0.0000,

0.4057

0.0000

288.7844, 0.3242,
0.4008

■ 39.6082, 0.3280,
0.4758

■ 39.6082, 0.3280,
0.4758

■ 38.4680, 0.3285,
0.5068

■ 40.9489, 0.3263,
0.4438

■ 37.5129, 0.3274,
0.5350

■ 42.4946, 0.3236,
0.4123

■ 36.7331, 0.3248,
0.5585

■ 44.2557, 0.3203,
0.3824

■ 36.1157, 0.3208,
0.5758

■ 46.2405, 0.3167,
0.3547

■ 35.6499, 0.3161,
0.5872

■ 48.4570, 0.3128,
0.3296

■ 50.9125, 0.3090,
0.3071

■ 53.6142, 0.3052,
0.2872

■ 56.5688, 0.3016,
0.2695

■ 59.5542, 0.3005,
0.2571

Harmonies

Analogous

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



39.6082, 0.4026, 0.4679



39.6082, 0.3280, 0.4758



39.6082, 0.2534, 0.4239

Triad

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



39.6082, 0.3280, 0.4758



39.6082, 0.1817, 0.2195



39.6082, 0.4373, 0.3052

Complementary

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



39.6082, 0.3280, 0.4758



18.1315, 0.2830, 0.1965

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.



39.6082, 0.3623, 0.2551



39.6082, 0.3280, 0.4758



39.6082, 0.2169, 0.2073

Square

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



39.6082, 0.3280, 0.4758



39.6082, 0.1753, 0.2621



39.6082, 0.2801, 0.2205



39.6082, 0.4727, 0.3631

Rectangle

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



39.6082, 0.3280, 0.4758



39.6082, 0.2140, 0.3666



39.6082, 0.2801, 0.2205



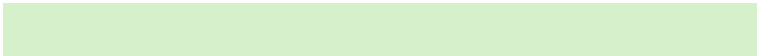
39.6082, 0.4153, 0.2873

Sweetspot

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



39.6099, 0.3280, 0.4758



80.9883, 0.3185, 0.3682



34.2020, 0.4052, 0.4137



17.3011, 0.3193, 0.3740



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.



39.6099, 0.3280, 0.4758



68.7566, 0.3284, 0.5089



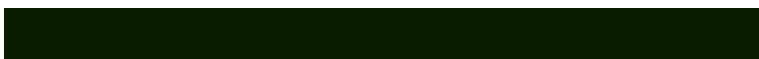
38.0492, 0.2959, 0.4606



10.1968, 0.3163, 0.3523



24.3074, 0.3169, 0.5865



0.8912, 0.3384, 0.5695

Inverse Universe

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



18.1315, 0.2830, 0.1965



26.0016, 0.2742, 0.1700



20.8548, 0.3372, 0.2265



9.0138, 0.3088, 0.3061



5.4142, 0.2420, 0.1107



0.2226, 0.2630, 0.1223

Previews

White Background



This preview shows how the Yxy color 39.6082, 0.3280, 0.4758 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 39.6082, 0.3280, 0.4758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

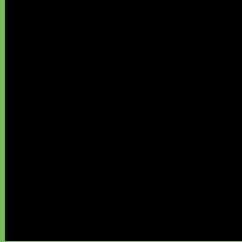
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6082, 0.3280, 0.4758

Background



This preview shows how black text looks on a background with the Yxy color 39.6082, 0.3280, 0.4758.



This preview shows how white text looks on a background with the Yxy color 39.6082, 0.3280, 0.4758.

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

39.6082, 0.3280, 0.4758

Protanopia

39.1163, 0.4014, 0.4370

Deuteranopia

38.8608, 0.4155, 0.4069



Tritanopia

39.3062, 0.2725, 0.3087

Trichromacy



Original Color

39.6082, 0.3280, 0.4758

Protanomaly

38.7632, 0.3730, 0.4518

Deuteranomaly

38.2191, 0.3808, 0.4312

Tritanomaly

39.0462, 0.2935, 0.3675

Monochromacy



Original Color

39.6082, 0.3280, 0.4758

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

35.2602, 0.3204, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6082, 0.3280, 0.4758 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, 185, 92)` looks like.

```
.text, #text, p{  
    color:rgb(122, 185, 92)  
}
```

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, 185, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 185, 92) }
```

Border

The CSS property to change the border of an element to Yxy 39.6082, 0.3280, 0.4758 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, 185, 92) }
```

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

```
.border{ border-color:rgb(122, 185, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 185, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 185, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 185, 92);  
box-shadow:4px 4px 4px 4px rgb(122, 185,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6082, 0.3280, 0.4758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 185, 92) }
```

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

```
.background{ background-color: rgb(122,  
185, 92) }
```

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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