

Converting Colors

$Yxy(39.2104, 0.3176, 0.4156)$

Have a look what the booklet for
Yxy(39.2104, 0.3176, 0.4156)
contains.

Yxy(39.2486, 0.3177, 0.4164)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2486, 0.3177, 0.4164)

Conversions

Conversions Part 1

Format	Color
Hex	87B47C
RGB	135, 180, 124
RGB Percent	53%, 71%, 49%
CMY	0.4708, 0.2941, 0.5138
CMYK	0.25, 0.00, 0.31, 0.29
HSL	108°, 27%, 60%
HSV	108°, 31%, 71%
XYZ	29.9454, 39.2486, 25.0629
YIQ	160.1610, -8.8440, -26.9560

Conversions

Conversions Part 2

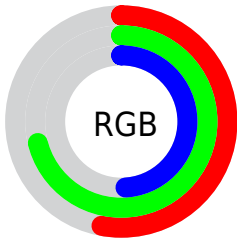
Format	Color
RYB	124, 180, 169
Decimal	8893564
CIELab	68.93, -25.86, 23.86
CIELCh	69, 35.184, 137.297
Yxy	39.2486, 0.3177, 0.4164
Android (android.graphics.Color)	4287083644 (0xFF87B47C)
YUV	160.1610, -17.8274, -22.0662
Hunter-Lab	62.6487, -24.3141, 20.1348

Details

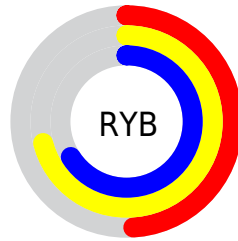
The Yxy color **39.2486, 0.3177, 0.4164** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **26.1492, 0.3044, 0.2502**, and the grayscale version is **35.3156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9840, 0.3173, 0.3985**, and **17.5716, 0.3170, 0.4451** is the 20% darker color. If you saturate the color by 10%, you get **37.7158, 0.3185, 0.4492**, and if you desaturate by 10%, it is **41.0312, 0.3164, 0.3855**.

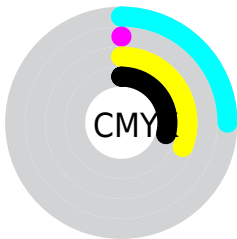
Distribution



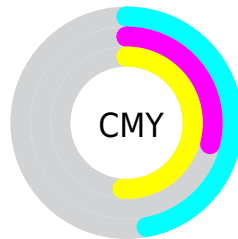
- Red (53%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (66%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)





- Cyan (47%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2486, 0.3177, 0.4164 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 39.2486, 0.3177, 0.4164 by changing the saturation by 10% instead.


 39.2486, 0.3177,
0.4164


 39.2486, 0.3177,
0.4164


342.9463, 0.3163,
0.3695


 26.9532, 0.3176,
0.4292


 74.0179, 0.3175,
0.3986

 17.5381, 0.3171,
0.4462


 97.2606, 0.3173,
0.3921

 10.6189, 0.3158,
0.4700


 124.9212, 0.3172,
0.3868

 5.8112, 0.3124,
0.5053

157.3841, 0.3170,
0.3822

 2.7306, 0.3060,
0.5666

195.0337, 0.3168,
0.3784

 0.9928, 0.2371,
0.7629


238.2543, 0.3166,


 0.0000, 0.0000,


0.3750


0.0000

287.4303, 0.3165,
0.3721

 39.2486, 0.3177,
0.4164


 39.2486, 0.3177,
0.4164


 37.7158, 0.3185,
0.4492

 41.0312, 0.3164,
0.3855


 36.4166, 0.3185,
0.4827


 43.0690, 0.3148,
0.3571


 35.3408, 0.3177,
0.5152


 45.3732, 0.3129,
0.3317

 34.4754, 0.3159,
0.5444


 47.9533, 0.3110,
0.3091

 33.8059, 0.3132,
0.5682


 50.8180, 0.3090,
0.2893


 33.3158, 0.3098,
0.5850

 53.9756, 0.3071,
0.2719

 33.0093, 0.3067,
0.5947

 57.4343, 0.3053,
0.2568

 60.3358, 0.3129,
0.2548

 61.1278, 0.3162,
0.2556

Harmonies

Analogous

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



39.2486, 0.3677, 0.4220



39.2486, 0.3177, 0.4164



39.2486, 0.2687, 0.3799

Triad

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



39.2486, 0.3177, 0.4164



39.2486, 0.2263, 0.2538



39.2486, 0.3979, 0.3217

Complementary

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



39.2486, 0.3177, 0.4164



26.1492, 0.3044, 0.2502

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.



39.2486, 0.3539, 0.2845



39.2486, 0.3177, 0.4164



39.2486, 0.2549, 0.2465

Square

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



39.2486, 0.3177, 0.4164



39.2486, 0.2187, 0.2817



39.2486, 0.3007, 0.2578



39.2486, 0.4167, 0.3628

Rectangle

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



39.2486, 0.3177, 0.4164



39.2486, 0.2431, 0.3454



39.2486, 0.3007, 0.2578



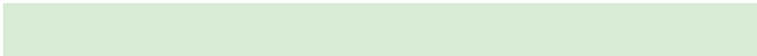
39.2486, 0.3854, 0.3085

Sweetspot

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



39.2503, 0.3177, 0.4164



78.8635, 0.3144, 0.3519



39.4648, 0.3631, 0.3914



16.9212, 0.3147, 0.3557



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.2503, 0.3177, 0.4164



69.2964, 0.3183, 0.4376



38.8494, 0.2962, 0.3911



9.5675, 0.3145, 0.3523



23.0577, 0.3073, 0.5942



0.7490, 0.3257, 0.5796

Inverse Universe

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



26.1492, 0.3044, 0.2502



41.9366, 0.3020, 0.2333



26.7699, 0.3346, 0.2742



8.5610, 0.3107, 0.3063



6.5145, 0.2725, 0.1275



0.2265, 0.2868, 0.1354

Previews

White Background



This preview shows how the Yxy color 39.2486, 0.3177, 0.4164 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 39.2486, 0.3177, 0.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

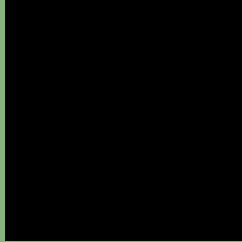
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2486, 0.3177, 0.4164

Background



This preview shows how black text looks on a background with the Yxy color 39.2486, 0.3177, 0.4164.



This preview shows how white text looks on a background with the Yxy color 39.2486, 0.3177, 0.4164.

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

39.2486, 0.3177, 0.4164

Protanopia

39.1609, 0.3689, 0.3970

Deuteranopia

38.9186, 0.3798, 0.3727



Tritanopia

39.0700, 0.2790, 0.3089

Trichromacy



Original Color

39.2486, 0.3177, 0.4164

Protanomaly

38.7780, 0.3487, 0.4035

Deuteranomaly

38.5362, 0.3547, 0.3874

Tritanomaly

38.9670, 0.2931, 0.3469

Monochromacy



Original Color

39.2486, 0.3177, 0.4164

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.3233, 0.3150, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2486, 0.3177, 0.4164 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(135, 180, 124)` looks like.

```
.text, #text, p{  
    color:rgb(135, 180, 124)  
}
```

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(135, 180, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 180, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.2486, 0.3177, 0.4164 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(135, 180, 124) }
```

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

```
.border{ border-color:rgb(135, 180, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 180, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 180, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 180, 124);  
box-shadow:4px 4px 4px 4px rgb(135, 180,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2486, 0.3177, 0.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 180, 124) }
```

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

```
.background{ background-color: rgb(135,  
180, 124) }
```

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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