

Converting Colors

$Yxy(10.9904, 0.2868, 0.3927)$

Have a look what the booklet for
Yxy(10.9904, 0.2868, 0.3927)
contains.

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Color

Yxy(11.0449, 0.2874, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	3D664E
RGB	61, 102, 78
RGB Percent	24%, 40%, 31%
CMY	0.7608, 0.6000, 0.6941
CMYK	0.40, 0.00, 0.24, 0.60
HSL	145°, 25%, 32%
HSV	145°, 40%, 40%
XYZ	8.0505, 11.0449, 8.9160
YIQ	87.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

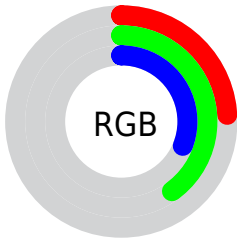
Format	Color
R_{YB}	61, 90, 102
Decimal	4023886
CIE _{Lab}	39.66, -20.31, 9.11
CIE _{LCh}	40, 22.263, 155.848
Yxy	11.0449, 0.2874, 0.3943
Android (android.graphics.Color)	4282213966 (0xFF3D664E)
YUV	87.0050, -4.4395, -22.8064
Hunter-Lab	33.2339, -14.9199, 7.3573

Details

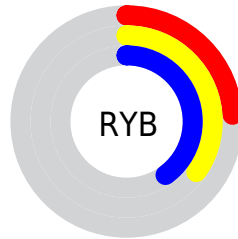
The Yxy color **11.0449, 0.2874, 0.3943** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.8168, 0.3508, 0.2721**, and the grayscale version is **9.5441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6298, 0.2944, 0.3756**, and **2.9334, 0.2702, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **10.6702, 0.2825, 0.4142**, and if you desaturate by 10%, it is **11.4899, 0.2931, 0.3757**.

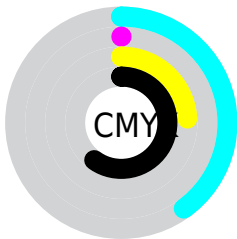
Distribution



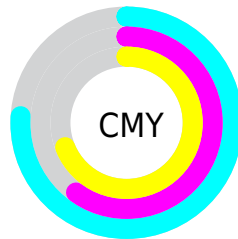
- Red (24%)
- Green (40%)
- Blue (31%)



- Red (24%)
- Yellow (35%)
- Blue (40%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (60%)





- Cyan (76%)
- Magenta (60%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0449, 0.2874, 0.3943 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 11.0449, 0.2874, 0.3943 by changing the saturation by 10% instead.


 11.0449, 0.2874,
0.3943


 11.0449, 0.2874,
0.3943


 197.9753, 0.3037,
0.3526


 6.0970, 0.2811,
0.4101

 27.7432, 0.2946,
0.3759


 2.9042, 0.2708,
0.4359


 40.2624, 0.2969,
0.3702

 1.0819, 0.2443,
0.5081

 56.0741, 0.2986,
0.3656

 0.0000, 0.0000,
0.0000

 75.5629, 0.3001,
0.3620

 99.1130, 0.3012,
0.3590

 127.1088, 0.3022,

0.3565

159.9348, 0.3030,
0.3544

■ 11.0449, 0.2874,
0.3943

■ 11.0449, 0.2874,
0.3943

■ 10.6702, 0.2825,
0.4142

■ 11.4899, 0.2931,
0.3757

■ 10.3606, 0.2787,
0.4351

■ 12.0072, 0.2993,
0.3587

■ 10.1127, 0.2762,
0.4566


■ 12.6006, 0.3059,
0.3432

■ 9.9218, 0.2753,
0.4780

■ 13.2729, 0.3126,
0.3293

■ 9.7827, 0.2760,
0.4988


■ 14.0270, 0.3192,
0.3169

 9.6730, 0.2773,
0.5183

 14.8657, 0.3258,
0.3059

 15.7914, 0.3321,
0.2962

 16.8066, 0.3382,
0.2877

 17.9138, 0.3440,
0.2802

Harmonies

Analogous

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



11.0449, 0.3368, 0.4190



11.0449, 0.2874, 0.3943



11.0449, 0.2469, 0.3474

Triad

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



11.0449, 0.2874, 0.3943



11.0449, 0.2439, 0.2495



11.0449, 0.4097, 0.3467

Complementary

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



11.0449, 0.2874, 0.3943



6.8168, 0.3508, 0.2721

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.



11.0449, 0.3809, 0.3075



11.0449, 0.2874, 0.3943



11.0449, 0.2828, 0.2538

Square

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



11.0449, 0.2874, 0.3943



11.0449, 0.2237, 0.2643



11.0449, 0.3330, 0.2746



11.0449, 0.4094, 0.3852

Rectangle

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



11.0449, 0.2874, 0.3943



11.0449, 0.2297, 0.3139



11.0449, 0.3330, 0.2746



11.0449, 0.4030, 0.3334

Sweetspot

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



11.0454, 0.2874, 0.3943



21.8634, 0.3045, 0.3464



11.7997, 0.3430, 0.4308



5.1375, 0.3040, 0.3476



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.0454, 0.2874, 0.3943



18.7620, 0.2829, 0.4125



11.3752, 0.2649, 0.3395



3.1597, 0.3068, 0.3413



12.4147, 0.2780, 0.5207



64.5831, 0.2809, 0.5312

Inverse Universe

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



6.8168, 0.3508, 0.2721



10.2490, 0.3631, 0.2594



6.5438, 0.3954, 0.3192



2.8708, 0.3192, 0.3170



4.0349, 0.4531, 0.2270



20.8668, 0.4631, 0.2325

Previews

White Background



This preview shows how the Yxy color 11.0449, 0.2874, 0.3943 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 11.0449, 0.2874, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

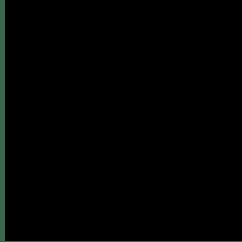
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0449, 0.2874, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 11.0449, 0.2874, 0.3943.



This preview shows how white text looks on a background with the Yxy color 11.0449, 0.2874, 0.3943.

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

11.0449, 0.2874, 0.3943

Protanopia

10.9758, 0.3511, 0.3743

Deuteranopia

10.9706, 0.3533, 0.3497



Tritanopia

10.9693, 0.2614, 0.3088

Trichromacy



Original Color

11.0449, 0.2874, 0.3943

Protanomaly

10.8050, 0.3255, 0.3823

Deuteranomaly

10.7583, 0.3268, 0.3637

Tritanomaly

10.8920, 0.2706, 0.3367

Monochromacy



Original Color

11.0449, 0.2874, 0.3943

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.9141, 0.3025, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0449, 0.2874, 0.3943 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(61, 102, 78)` looks like.

```
.text, #text, p{  
    color:rgb(61, 102, 78)  
}
```

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(61, 102, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 102, 78) }
```

Border

The CSS property to change the border of an element to Yxy 11.0449, 0.2874, 0.3943 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(61, 102, 78) }
```

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

```
.border{ border-color:rgb(61, 102, 78) }
```

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

Here you see how a box with a 4 pixel rgb(61, 102, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 102, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 102, 78);  
box-shadow:4px 4px 4px 4px rgb(61, 102,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0449, 0.2874, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 102, 78) }
```

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

```
.background{ background-color: rgb(61, 102,  
78) }
```

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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