

Converting Colors

$Y_{xy}(11.2510, 0.2394, 0.4047)$

Have a look what the booklet for
Yxy(11.2510, 0.2394, 0.4047)
contains.

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Color

Yxy(11.3343, 0.2457, 0.4044)

Conversions

Conversions Part 1

Format	Color
Hex	006C52
RGB	0, 108, 82
RGB Percent	0%, 42%, 32%
CMY	0.9996, 0.5765, 0.6784
CMYK	1.00, 0.00, 0.24, 0.58
HSL	166°, 100%, 21%
HSV	166°, 100%, 42%
XYZ	6.8863, 11.3343, 9.8068
YIQ	72.7440, -56.0220, -30.9820

Conversions

Conversions Part 2

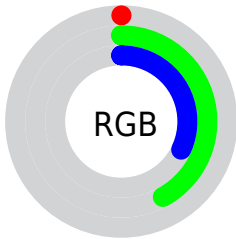
Format	Color
RYB	0, 61, 108
Decimal	27730
CIELab	40.14, -33.53, 7.14
CIELCh	40, 34.283, 167.981
Yxy	11.3343, 0.2457, 0.4044
Android (android.graphics.Color)	4278217810 (0xFF006C52)
YUV	72.7440, 4.5632, -63.7965
Hunter-Lab	33.6665, -22.4048, 6.2958

Details

The Yxy color **11.3343, 0.2457, 0.4044** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.2654, 0.5838, 0.2991**, and the grayscale version is **6.6204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1968, 0.2641, 0.3836**, and **3.2615, 0.2551, 0.4384** is the 20% darker color. If you saturate the color by 10%, you get **11.3337, 0.2457, 0.4045**, and if you desaturate by 10%, it is **11.4449, 0.2464, 0.3958**.

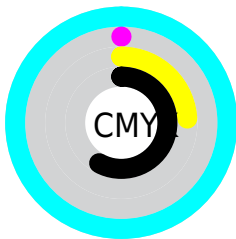
Distribution



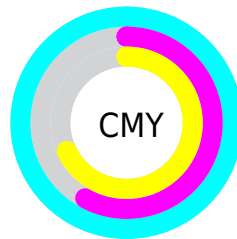
- Red (0%)
- Green (42%)
- Blue (32%)



- Red (0%)
- Yellow (24%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)




- Cyan (100%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3343, 0.2457, 0.4044 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 11.3343, 0.2457, 0.4044 by changing the saturation by 10% instead.


 11.3343, 0.2457,
0.4044

 11.3343, 0.2457,
0.4044


199.9469, 0.2875,
0.3564


 6.2922, 0.2307,
0.4224


 28.2767, 0.2637,
0.3834


 3.0235, 0.2074,
0.4514

 40.9458, 0.2695,
0.3767

 1.1440, 0.1173,
0.5409

 56.9259, 0.2741,
0.3715

 0.0153, 0.0000,
1.0000

 76.6016, 0.2778,
0.3673


 0.0000, 0.0000,
0.0000

 100.3571, 0.2809,
0.3638


 128.5769, 0.2834,


0.3610


 161.6454, 0.2856,
0.3585


 11.3343, 0.2457,
0.4044


 11.3343, 0.2457,
0.4044

 11.3337, 0.2457,
0.4045

 11.4449, 0.2464,
0.3958

 11.5836, 0.2480,
0.3874

 11.7750, 0.2513,
0.3789

 12.0249, 0.2564,
0.3706

 12.3384, 0.2631,
0.3625

■ 12.7200, 0.2712,
0.3549

■ 13.1735, 0.2805,
0.3476

■ 13.7029, 0.2907,
0.3409

■ 14.3115, 0.3015,
0.3346

Harmonies

Analogous

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



11.3343, 0.3146, 0.4620



11.3343, 0.2457, 0.4044



11.3343, 0.1985, 0.3224

Triad

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



11.3343, 0.2457, 0.4044



11.3343, 0.2308, 0.2136



11.3343, 0.4649, 0.3727

Complementary

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



11.3343, 0.2457, 0.4044



3.2654, 0.5838, 0.2991

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.



11.3343, 0.4398, 0.3166



11.3343, 0.2457, 0.4044



11.3343, 0.2954, 0.2302

Square

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



11.3343, 0.2457, 0.4044



11.3343, 0.1919, 0.2209



11.3343, 0.3740, 0.2666



11.3343, 0.4430, 0.4272

Rectangle

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



11.3343, 0.2457, 0.4044



11.3343, 0.1834, 0.2752



11.3343, 0.3740, 0.2666



11.3343, 0.4620, 0.3538

Sweetspot

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



11.3347, 0.2457, 0.4044



23.0504, 0.2796, 0.3482



10.9592, 0.3129, 0.5896



5.5154, 0.2766, 0.3505



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.3347, 0.2457, 0.4044



19.8794, 0.2463, 0.4067



6.9719, 0.2029, 0.2503



3.4800, 0.3026, 0.3341



13.5144, 0.2459, 0.4052



68.7208, 0.2472, 0.4101

Inverse Universe

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



3.2654, 0.5838, 0.2991



5.7115, 0.5906, 0.3027



3.9757, 0.5993, 0.3622



3.1276, 0.3239, 0.3240



3.8878, 0.5864, 0.3004



19.6922, 0.5998, 0.3078

Previews

White Background



This preview shows how the Yxy color 11.3343, 0.2457, 0.4044 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 11.3343, 0.2457, 0.4044 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 11.3343, 0.2457, 0.4044

Background



This preview shows how black text looks on a background with the Yxy color 11.3343, 0.2457, 0.4044.



This preview shows how white text looks on a background with the Yxy color 11.3343, 0.2457, 0.4044.

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

11.3343, 0.2457, 0.4044

Protanopia

11.2227, 0.3507, 0.3739

Deuteranopia

11.2799, 0.3465, 0.3404



Tritanopia

11.4106, 0.2305, 0.3082

Trichromacy



Original Color

11.3343, 0.2457, 0.4044

Protanomaly

10.5637, 0.2908, 0.3863

Deuteranomaly

10.4342, 0.2871, 0.3610

Tritanomaly

11.2133, 0.2342, 0.3397

Monochromacy



Original Color

11.3343, 0.2457, 0.4044

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

7.7582, 0.2673, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3343, 0.2457, 0.4044 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(0, 108, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 82)  
}
```

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(0, 108, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 82) }
```

Border

The CSS property to change the border of an element to Yxy 11.3343, 0.2457, 0.4044 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(0, 108, 82) }
```

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

```
.border{ border-color:rgb(0, 108, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 82);  
box-shadow:4px 4px 4px 4px rgb(0, 108, 82)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3343, 0.2457, 0.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 82) }
```

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

```
.background{ background-color: rgb(0, 108,  
82) }
```

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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