

Converting Colors

$Y_{xy}(10.3969, 0.2701, 0.3675)$

Have a look what the booklet for
Yxy(10.3969, 0.2701, 0.3675)
contains.

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Color

Yxy(10.3638, 0.2705, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	366355
RGB	54, 99, 85
RGB Percent	21%, 39%, 33%
CMY	0.7883, 0.6117, 0.6667
CMYK	0.45, 0.00, 0.14, 0.61
HSL	161°, 29%, 30%
HSV	161°, 45%, 39%
XYZ	7.6221, 10.3638, 10.1919
YIQ	83.9490, -22.3260, -13.8940

Conversions

Conversions Part 2

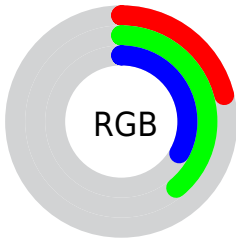
Format	Color
RYB	54, 81, 99
Decimal	3564373
CIELab	38.49, -19.24, 3.14
CIElCh	38, 19.498, 170.747
Yxy	10.3638, 0.2705, 0.3678
Android (android.graphics.Color)	4281754453 (0xFF366355)
YUV	83.9490, 0.5181, -26.2653
Hunter-Lab	32.1929, -14.0752, 3.7644

Details

The Yxy color **10.3638, 0.2705, 0.3678** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5.7073, 0.3872, 0.2944**, and the grayscale version is **8.8565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5050, 0.2820, 0.3561**, and **2.6285, 0.2459, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **10.0698, 0.2637, 0.3781**, and if you desaturate by 10%, it is **10.7166, 0.2785, 0.3581**.

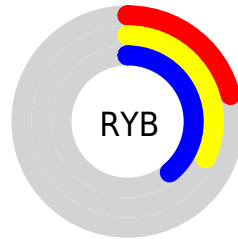
Distribution



Red (21%)

Green (39%)

Blue (33%)



Red (21%)

Yellow (32%)

Blue (39%)

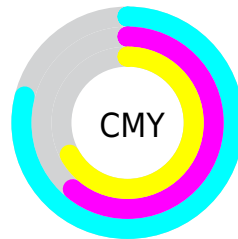


Cyan (45%)

Magenta (0%)

Yellow (14%)

Black (61%)



Cyan (79%)


Magenta (61%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3638, 0.2705, 0.3678 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 10.3638, 0.2705, 0.3678 by changing the saturation by 10% instead.


 10.3638, 0.2705,
0.3678


 10.3638, 0.2705,
0.3678


 193.2492, 0.2969,
0.3433


 5.6408, 0.2609,
0.3770


 26.4776, 0.2819,
0.3571

 2.6279, 0.2457,
0.3918

 38.6371, 0.2856,
0.3537

 0.9407, 0.1953,
0.4339

 54.0444, 0.2885,
0.3510

 0.0000, 0.0000,
0.0000

 73.0837, 0.2908,
0.3488

 96.1394, 0.2928,
0.3471

 123.5960, 0.2944,

0.3456

155.8378, 0.2958,
0.3443

■ 10.3638, 0.2705,
0.3678

■ 10.3638, 0.2705,
0.3678

■ 10.0698, 0.2637,
0.3781

■ 10.7166, 0.2785,
0.3581

■ 9.8298, 0.2584,
0.3888

■ 11.1300, 0.2874,
0.3490

■ 9.6406, 0.2547,
0.3998


■ 11.6074, 0.2970,
0.3406

■ 9.4977, 0.2527,
0.4110

■ 12.1515, 0.3071,
0.3329


■ 9.3905, 0.2522,
0.4221


■ 12.7649, 0.3174,
0.3259

 9.3442, 0.2520,
0.4273

 13.4501, 0.3279,
0.3197

 14.2092, 0.3383,
0.3141

 15.0446, 0.3485,
0.3091

 15.9583, 0.3585,
0.3048

Harmonies

Analogous

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



10.3638, 0.3124, 0.4012



10.3638, 0.2705, 0.3678



10.3638, 0.2411, 0.3233

Triad

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



10.3638, 0.2705, 0.3678



10.3638, 0.2665, 0.2570



10.3638, 0.4027, 0.3634

Complementary

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



10.3638, 0.2705, 0.3678



5.7073, 0.3872, 0.2944

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.



10.3638, 0.3893, 0.3273



10.3638, 0.2705, 0.3678



10.3638, 0.3078, 0.2686

Square

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



10.3638, 0.2705, 0.3678



10.3638, 0.2392, 0.2620



10.3638, 0.3535, 0.2937



10.3638, 0.3899, 0.3942

Rectangle

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



10.3638, 0.2705, 0.3678



10.3638, 0.2317, 0.2962



10.3638, 0.3535, 0.2937



10.3638, 0.4012, 0.3515

Sweetspot

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



10.3642, 0.2705, 0.3678



20.0046, 0.2980, 0.3397



10.4284, 0.3265, 0.4522



4.7234, 0.2965, 0.3409



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.3642, 0.2705, 0.3678



17.2231, 0.2631, 0.3792



9.1245, 0.2515, 0.3063



2.8824, 0.3036, 0.3354



12.1724, 0.2525, 0.4288



64.8643, 0.2543, 0.4356

Inverse Universe

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



5.7073, 0.3872, 0.2944



8.0814, 0.4161, 0.2867



6.3905, 0.4133, 0.3499



2.6018, 0.3227, 0.3227



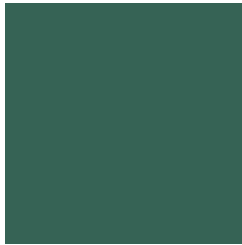
3.5787, 0.5611, 0.2865



18.9752, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 10.3638, 0.2705, 0.3678 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 10.3638, 0.2705, 0.3678 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 10.3638, 0.2705, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 10.3638, 0.2705, 0.3678.



This preview shows how white text looks on a background with the Yxy color 10.3638, 0.2705, 0.3678.

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

10.3638, 0.2705, 0.3678

Protanopia

10.2712, 0.3346, 0.3536

Deuteranopia

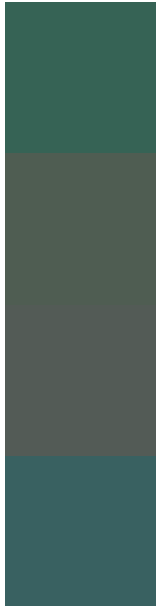
10.2138, 0.3345, 0.3291



Tritanopia

10.2950, 0.2539, 0.3081

Trichromacy



Original Color

10.3638, 0.2705, 0.3678

Protanomaly

10.1002, 0.3067, 0.3577

Deuteranomaly

9.9931, 0.3074, 0.3418

Tritanomaly

10.2823, 0.2597, 0.3288

Monochromacy



Original Color

10.3638, 0.2705, 0.3678

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.2013, 0.2948, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3638, 0.2705, 0.3678 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(54, 99, 85) looks like.

```
.text, #text, p{  
  color:rgb(54, 99, 85)  
}
```

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(54, 99, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 99, 85) }
```

Border

The CSS property to change the border of an element to Yxy 10.3638, 0.2705, 0.3678 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(54, 99, 85) }
```

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

```
.border{ border-color:rgb(54, 99, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 99, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 99, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 99, 85);  
box-shadow:4px 4px 4px 4px rgb(54, 99, 85)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.3638, 0.2705, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 99, 85) }
```

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

```
.background{ background-color: rgb(54, 99,  
85) }
```

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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