

Converting Colors

$Yxy(10.1344, 0.2930, 0.4412)$

Have a look what the booklet for
Yxy(10.1344, 0.2930, 0.4412)
contains.

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Color

Yxy(10.1403, 0.2926, 0.4401)

Conversions

Conversions Part 1

Format	Color
Hex	32643E
RGB	50, 100, 62
RGB Percent	20%, 39%, 24%
CMY	0.8039, 0.6078, 0.7569
CMYK	0.50, 0.00, 0.38, 0.61
HSL	134°, 33%, 29%
HSV	134°, 50%, 39%
XYZ	6.7418, 10.1403, 6.1588
YIQ	80.7180, -17.6020, -22.4180

Conversions

Conversions Part 2

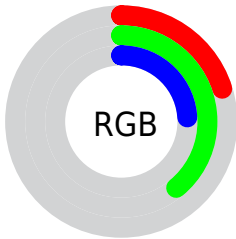
Format	Color
R_{YB}	50, 90, 100
Decimal	3302462
CIE _{Lab}	38.09, -26.19, 16.49
CIE _{LCh}	38, 30.946, 147.799
Yxy	10.1403, 0.2926, 0.4401
Android (android.graphics.Color)	4281492542 (0xFF32643E)
YUV	80.7180, -9.2280, -26.9397
Hunter-Lab	31.8438, -17.9359, 10.8236

Details

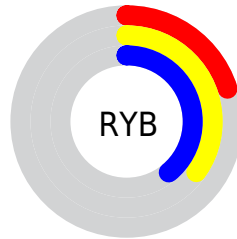
The Yxy color **10.1403, 0.2926, 0.4401** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5.6948, 0.3434, 0.2397**, and the grayscale version is **8.1909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.9683, 0.2997, 0.4066**, and **2.5932, 0.2766, 0.5158** is the 20% darker color. If you saturate the color by 10%, you get **9.8361, 0.2900, 0.4671**, and if you desaturate by 10%, it is **10.5126, 0.2960, 0.4141**.

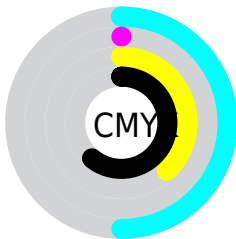
Distribution



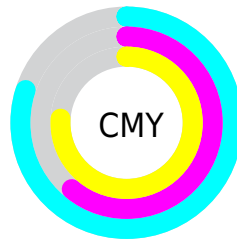
- Red (20%)
- Green (39%)
- Blue (24%)



- Red (20%)
- Yellow (35%)
- Blue (39%)



- Cyan (50%)
- Magenta (0%)
- Yellow (38%)
- Black (61%)




- Cyan (80%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1403, 0.2926, 0.4401 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 10.1403, 0.2926, 0.4401 by changing the saturation by 10% instead.


 10.1403, 0.2926,
0.4401


 10.1403, 0.2926,
0.4401


191.6705, 0.3069,
0.3675


 5.4921, 0.2857,
0.4690

 26.0591, 0.2996,
0.4074


 2.5388, 0.2729,
0.5173

 38.0984, 0.3016,
0.3973

 0.8960, 0.1916,
0.8084

 53.3702, 0.3030,
0.3895

 0.0000, 0.0000,
0.0000

 72.2589, 0.3042,
0.3833

 95.1489, 0.3051,
0.3782

 122.4246, 0.3058,

0.3740

154.4703, 0.3064,
0.3705

■ 10.1403, 0.2926,
0.4401

■ 10.1403, 0.2926,
0.4401

■ 9.8361, 0.2900,
0.4671

■ 10.5126, 0.2960,
0.4141

■ 9.5945, 0.2884,
0.4940

■ 10.9555, 0.2998,
0.3897

■ 9.4114, 0.2881,
0.5198

■ 11.4729, 0.3040,
0.3673

■ 9.2816, 0.2890,
0.5431

■ 12.0681, 0.3084,
0.3471

■ 9.1809, 0.2899,
0.5636

■ 12.7441, 0.3127,
0.3290

■ 13.5039, 0.3170,
0.3130

■ 14.3502, 0.3210,
0.2990

■ 15.2856, 0.3249,
0.2867

■ 16.3126, 0.3286,
0.2759

Harmonies

Analogous

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



10.1403, 0.3618, 0.4611



10.1403, 0.2926, 0.4401



10.1403, 0.2325, 0.3748

Triad

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



10.1403, 0.2926, 0.4401



10.1403, 0.2077, 0.2219



10.1403, 0.4445, 0.3352

Complementary

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



10.1403, 0.2926, 0.4401



5.6948, 0.3434, 0.2397

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.



10.1403, 0.3932, 0.2847



10.1403, 0.2926, 0.4401



10.1403, 0.2532, 0.2225

Square

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



10.1403, 0.2926, 0.4401



10.1403, 0.1883, 0.2469



10.1403, 0.3204, 0.2449



10.1403, 0.4537, 0.3888

Rectangle

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



10.1403, 0.2926, 0.4401



10.1403, 0.2052, 0.3238



10.1403, 0.3204, 0.2449



10.1403, 0.4314, 0.3176

Sweetspot

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



10.1407, 0.2926, 0.4401



20.5715, 0.3060, 0.3578



11.4363, 0.3623, 0.4509



5.0237, 0.3054, 0.3609



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.



10.1407, 0.2926, 0.4401



17.1609, 0.2897, 0.4718



10.4756, 0.2648, 0.3660



3.1524, 0.3088, 0.3450



12.2862, 0.2906, 0.5661



63.9602, 0.2931, 0.5752

Inverse Universe

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



5.6948, 0.3434, 0.2397



8.3623, 0.3532, 0.2216



5.3528, 0.4045, 0.2965



2.8784, 0.3168, 0.3135



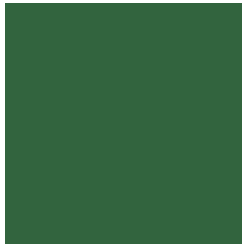
4.3194, 0.3893, 0.1918



22.3866, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 10.1403, 0.2926, 0.4401 looks on a white background.

Color Contrast Check

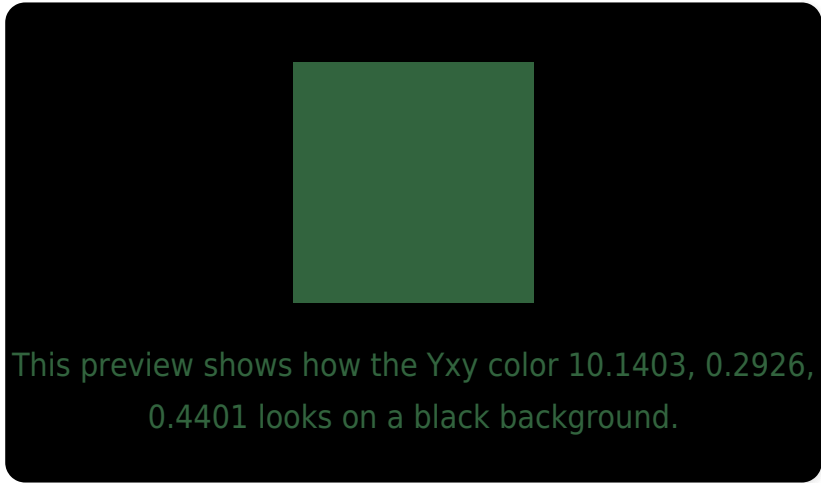
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

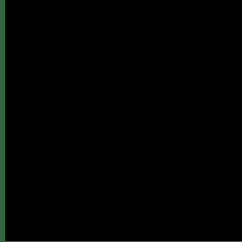
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1403, 0.2926, 0.4401

Background



This preview shows how black text looks on a background with the Yxy color 10.1403, 0.2926, 0.4401.



This preview shows how white text looks on a background with the Yxy color 10.1403, 0.2926, 0.4401.

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

10.1403, 0.2926, 0.4401

Protanopia

9.9916, 0.3751, 0.4045

Deuteranopia

10.1014, 0.3824, 0.3778



Tritanopia

10.1243, 0.2557, 0.3080

Trichromacy



Original Color

10.1403, 0.2926, 0.4401

Protanomaly

9.8499, 0.3412, 0.4195

Deuteranomaly

9.8308, 0.3452, 0.3991

Tritanomaly

10.0947, 0.2687, 0.3537

Monochromacy



Original Color

10.1403, 0.2926, 0.4401

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

8.7760, 0.3045, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1403, 0.2926, 0.4401 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(50, 100, 62)` looks like.

```
.text, #text, p{  
    color:rgb(50, 100, 62)  
}
```

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(50, 100, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 100, 62) }
```

Border

The CSS property to change the border of an element to Yxy 10.1403, 0.2926, 0.4401 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(50, 100, 62) }
```

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

```
.border{ border-color:rgb(50, 100, 62) }
```

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

Here you see how a box with a 4 pixel rgb(50, 100, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 100, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 100, 62);  
box-shadow:4px 4px 4px 4px rgb(50, 100,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1403, 0.2926, 0.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 100, 62) }
```

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

```
.background{ background-color: rgb(50, 100,  
62) }
```

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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