

Converting Colors

$Yxy(10.5007, 0.2920, 0.3923)$

Have a look what the booklet for
Yxy(10.5007, 0.2920, 0.3923)
contains.

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Color

$\text{Yxy}(10.5022, 0.2920, 0.3923)$

Conversions

Conversions Part 1

Format	Color
Hex	3F634C
RGB	63, 99, 76
RGB Percent	25%, 39%, 30%
CMY	0.7529, 0.6118, 0.7020
CMYK	0.36, 0.00, 0.23, 0.61
HSL	142°, 22%, 32%
HSV	142°, 36%, 39%
XYZ	7.8171, 10.5022, 8.4516
YIQ	85.6140, -14.0730, -14.7850

Conversions

Conversions Part 2

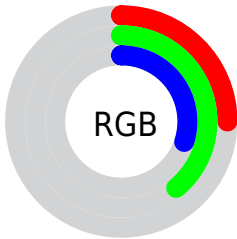
Format	Color
RYB	63, 89, 99
Decimal	4154188
CIELab	38.73, -18.46, 9.05
CIElCh	39, 20.559, 153.895
Yxy	10.5022, 0.2920, 0.3923
Android (android.graphics.Color)	4282344268 (0xFF3F634C)
YUV	85.6140, -4.7397, -19.8325
Hunter-Lab	32.4071, -13.6555, 7.2225

Details

The Yxy color **10.5022, 0.2920, 0.3923** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.8824, 0.3418, 0.2734**, and the grayscale version is **9.2336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7381, 0.2979, 0.3741**, and **2.6794, 0.2777, 0.4327** is the 20% darker color. If you saturate the color by 10%, you get **10.1216, 0.2873, 0.4135**, and if you desaturate by 10%, it is **10.9510, 0.2973, 0.3726**.

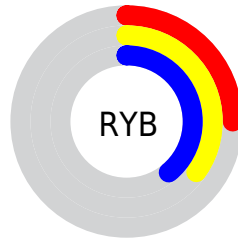
Distribution



Red (25%)

Green (39%)

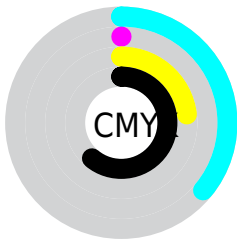
Blue (30%)



Red (25%)

Yellow (35%)

Blue (39%)

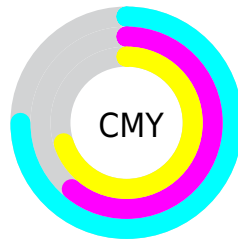


Cyan (36%)

Magenta (0%)

Yellow (23%)

Black (61%)



Cyan (75%)


Magenta (61%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5022, 0.2920, 0.3923 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 10.5022, 0.2920, 0.3923 by changing the saturation by 10% instead.


 10.5022, 0.2920,
0.3923


 10.5022, 0.2920,
0.3923


194.2197, 0.3055,
0.3517


 5.7332, 0.2866,
0.4079

 26.7359, 0.2981,
0.3743


 2.6835, 0.2776,
0.4336


 38.9694, 0.2999,
0.3687


 0.9688, 0.2520,
0.5219

 54.4598, 0.3014,
0.3643

 0.0000, 0.0000,
0.0000

 73.5915, 0.3025,
0.3608

 96.7490, 0.3035,
0.3579

 124.3166, 0.3043,

0.3555

156.6787, 0.3049,
0.3535

■ 10.5022, 0.2920,
0.3923

■ 10.5022, 0.2920,
0.3923

■ 10.1216, 0.2873,
0.4135

■ 10.9510, 0.2973,
0.3726

■ 9.8045, 0.2835,
0.4360

■ 11.4698, 0.3031,
0.3546

■ 9.5475, 0.2808,
0.4592


■ 12.0620, 0.3090,
0.3384

■ 9.3468, 0.2795,
0.4824


■ 12.7304, 0.3149,
0.3239

■ 9.1975, 0.2798,
0.5049


■ 13.4776, 0.3207,
0.3110


 9.0868, 0.2811,
0.5260

 14.3062, 0.3264,
0.2997

 9.0489, 0.2815,
0.5334

 15.2184, 0.3319,
0.2897

 16.2166, 0.3371,
0.2809

 17.3030, 0.3420,
0.2732

Harmonies

Analogous

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



10.5022, 0.3386, 0.4137



10.5022, 0.2920, 0.3923



10.5022, 0.2528, 0.3495

Triad

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



10.5022, 0.2920, 0.3923



10.5022, 0.2461, 0.2543



10.5022, 0.4027, 0.3436

Complementary

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



10.5022, 0.2920, 0.3923



6.8824, 0.3418, 0.2734

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.



10.5022, 0.3742, 0.3066



10.5022, 0.2920, 0.3923



10.5022, 0.2818, 0.2572

Square

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



10.5022, 0.2920, 0.3923



10.5022, 0.2281, 0.2698



10.5022, 0.3287, 0.2759



10.5022, 0.4045, 0.3801

Rectangle

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



10.5022, 0.2920, 0.3923



10.5022, 0.2356, 0.3180



10.5022, 0.3287, 0.2759



10.5022, 0.3959, 0.3310

Sweetspot

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



10.5026, 0.2920, 0.3923



20.1712, 0.3060, 0.3462



11.2803, 0.3432, 0.4192



4.7741, 0.3055, 0.3476



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.



10.5026, 0.2920, 0.3923



17.4292, 0.2878, 0.4112



10.7819, 0.2710, 0.3431



2.8699, 0.3075, 0.3423



11.7889, 0.2822, 0.5360



62.8226, 0.2852, 0.5468

Inverse Universe

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



6.8824, 0.3418, 0.2734



10.1753, 0.3516, 0.2598



6.6325, 0.3799, 0.3157



2.6143, 0.3184, 0.3161



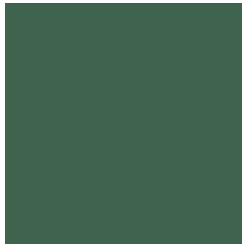
3.9224, 0.4319, 0.2153



20.7815, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 10.5022, 0.2920, 0.3923 looks on a white background.

Color Contrast Check

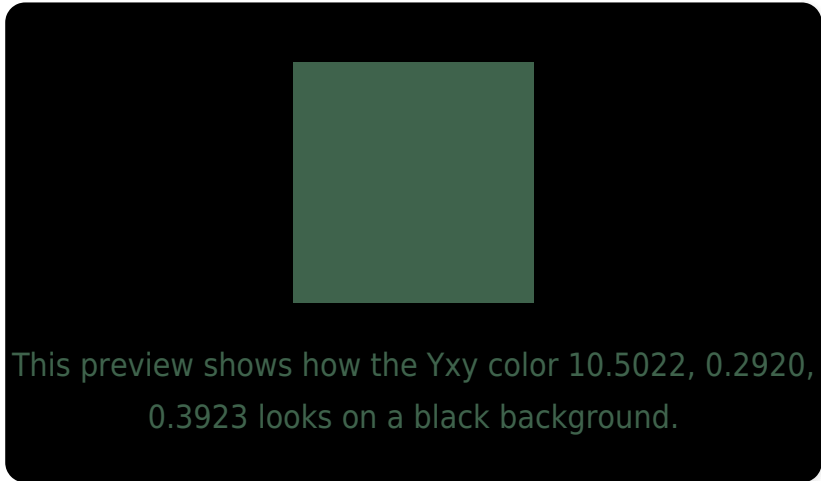
Large Text (above 18pt) WCAG AA ✓ Pass

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

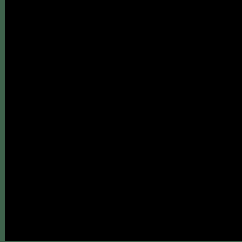
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5022, 0.2920, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 10.5022, 0.2920, 0.3923.



This preview shows how white text looks on a background with the Yxy color 10.5022, 0.2920, 0.3923.

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

10.5022, 0.2920, 0.3923

Protanopia

10.4914, 0.3518, 0.3751

Deuteranopia

10.3095, 0.3563, 0.3501



Tritanopia

10.4289, 0.2662, 0.3086

Trichromacy



Original Color

10.5022, 0.2920, 0.3923

Protanomaly

10.4177, 0.3290, 0.3828

Deuteranomaly

10.1418, 0.3305, 0.3643

Tritanomaly

10.3493, 0.2757, 0.3368

Monochromacy



Original Color

10.5022, 0.2920, 0.3923

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.7111, 0.3053, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5022, 0.2920, 0.3923 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(63, 99, 76)` looks like.

```
.text, #text, p{  
  color:rgb(63, 99, 76)  
}
```

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(63, 99, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 99, 76) }
```

Border

The CSS property to change the border of an element to Yxy 10.5022, 0.2920, 0.3923 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(63, 99, 76) }
```

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

```
.border{ border-color:rgb(63, 99, 76) }
```

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

Here you see how a box with a 4 pixel rgb(63, 99, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 99, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 99, 76);  
box-shadow:4px 4px 4px 4px rgb(63, 99, 76)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.5022, 0.2920, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 99, 76) }
```

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

```
.background{ background-color: rgb(63, 99,  
76) }
```

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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