

Converting Colors

$Y_{xy}(10.2961, 0.3019, 0.2472)$

Have a look what the booklet for
Yxy(10.2961, 0.3019, 0.2472)
contains.

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Color

Yxy(10.2389, 0.3021, 0.2463)

Conversions

Conversions Part 1

Format	Color
Hex	6E4F77
RGB	110, 79, 119
RGB Percent	43%, 31%, 47%
CMY	0.5686, 0.6902, 0.5333
CMYK	0.08, 0.34, 0.00, 0.53
HSL	287°, 20%, 39%
HSV	287°, 34%, 47%
XYZ	12.5586, 10.2389, 18.7734
YIQ	92.8290, 5.6360, 19.0120

Conversions

Conversions Part 2

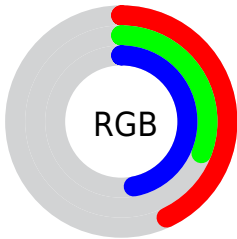
Format	Color
R_{YB}	110, 79, 119
Decimal	7229303
CIE _{Lab}	38.27, 20.75, -17.75
CIE _{LCh}	38, 27.309, 319.458
Yxy	10.2389, 0.3021, 0.2463
Android (android.graphics.Color)	4285419383 (0xFF6E4F77)
YUV	92.8290, 12.9023, 15.0590
Hunter-Lab	31.9983, 14.0600, -12.3867

Details

The Yxy color **10.2389, 0.3021, 0.2463** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **15.8374, 0.3193, 0.4202**, and the grayscale version is **10.8734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.3222, 0.3058, 0.2674**, and **2.5784, 0.2933, 0.2099** is the 20% darker color. If you saturate the color by 10%, you get **8.5043, 0.2977, 0.2212**, and if you desaturate by 10%, it is **12.2870, 0.3059, 0.2717**.

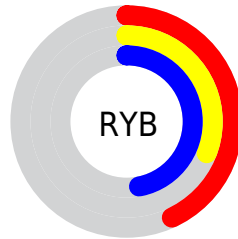
Distribution



 Red (43%)

 Green (31%)

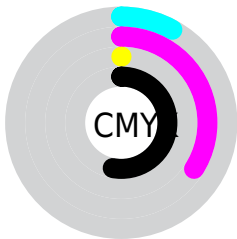
 Blue (47%)



 Red (43%)

 Yellow (31%)

 Blue (47%)

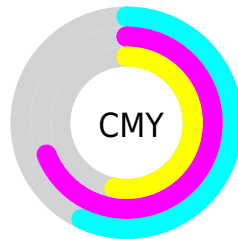


 Cyan (8%)

 Magenta (34%)

 Yellow (0%)

 Black (53%)



 Cyan (57%)


 Magenta (69%)

 Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2389, 0.3021, 0.2463 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 10.2389, 0.3021, 0.2463 by changing the saturation by 10% instead.


 10.2389, 0.3021,
0.2463


 10.2389, 0.3021,
0.2463


192.3687, 0.3096,
0.2952


 5.5576, 0.2989,
0.2307


 26.2439, 0.3056,
0.2663


 2.5780, 0.2935,
0.2081

 38.3364, 0.3067,
0.2731


 0.9156, 0.2829,
0.1730

 53.6681, 0.3075,
0.2786

 0.0000, 0.2388,
0.0000

 72.6235, 0.3081,
0.2831

 0.0000, 0.0000,
0.0000

 95.5868, 0.3086,
0.2868

122.9425, 0.3090,

0.2900

155.0750, 0.3093,
0.2928

■ 10.2389, 0.3021,
0.2463

■ 10.2389, 0.3021,
0.2463

■ 8.5043, 0.2977,
0.2212

■ 12.2870, 0.3059,
0.2717

■ 7.0655, 0.2929,
0.1972

■ 14.6625, 0.3091,
0.2967

■ 5.9049, 0.2875,
0.1753

■ 17.3802, 0.3119,
0.3206

■ 5.0026, 0.2819,
0.1565

■ 20.4533, 0.3141,
0.3432

■ 4.3358, 0.2761,
0.1415

■ 23.8947, 0.3159,
0.3643

■ 3.8741, 0.2703,
0.1305

■ 27.7162, 0.3173,
0.3837

■ 3.6205, 0.2666,
0.1243

■ 31.9294, 0.3184,
0.4014

■ 36.5453, 0.3192,
0.4176

■ 41.5744, 0.3198,
0.4322

Harmonies

Analogous

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



10.2389, 0.2465, 0.2313



10.2389, 0.3021, 0.2463



10.2389, 0.3668, 0.2786

Triad

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



10.2389, 0.3021, 0.2463



10.2389, 0.4206, 0.4154



10.2389, 0.2155, 0.3217

Complementary

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



10.2389, 0.3021, 0.2463



15.8374, 0.3193, 0.4202

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.



10.2389, 0.2553, 0.3872



10.2389, 0.3021, 0.2463



10.2389, 0.3736, 0.4428

Square

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



10.2389, 0.3021, 0.2463



10.2389, 0.4389, 0.3708



10.2389, 0.3129, 0.4351



10.2389, 0.2008, 0.2677

Rectangle

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



10.2389, 0.3021, 0.2463



10.2389, 0.4046, 0.3070



10.2389, 0.3129, 0.4351



10.2389, 0.2262, 0.3435

Sweetspot

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



10.2393, 0.3021, 0.2463



27.8201, 0.3101, 0.3049



10.0285, 0.2585, 0.2574



6.4655, 0.3098, 0.3021



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



10.2393, 0.3021, 0.2463



15.9833, 0.2989, 0.2277



10.6044, 0.3335, 0.2693



3.7184, 0.3105, 0.3078



3.8409, 0.2665, 0.1242



18.3238, 0.2635, 0.1225

Inverse Universe

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



10.2188, 0.3693, 0.3101



15.9783, 0.3874, 0.3059



15.5929, 0.2970, 0.3974



3.7131, 0.3244, 0.3242



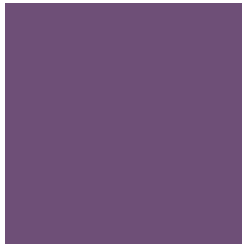
4.2485, 0.5924, 0.3037



20.5931, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 10.2389, 0.3021, 0.2463 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 10.2389, 0.3021, 0.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

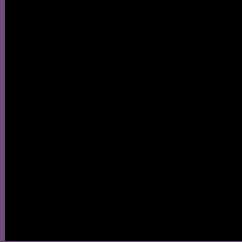
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2389, 0.3021, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 10.2389, 0.3021, 0.2463.



This preview shows how white text looks on a background with the Yxy color 10.2389, 0.3021, 0.2463.

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

10.2389, 0.3021, 0.2463

Protanopia

10.3393, 0.2502, 0.2434

Deuteranopia

10.3604, 0.2689, 0.2645



Tritanopia

10.3165, 0.3388, 0.3155

Trichromacy



Original Color

10.2389, 0.3021, 0.2463

Protanomaly

10.1259, 0.2665, 0.2430

Deuteranomaly

10.1847, 0.2795, 0.2557

Tritanomaly

10.2519, 0.3246, 0.2893

Monochromacy



Original Color

10.2389, 0.3021, 0.2463

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.5914, 0.3094, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2389, 0.3021, 0.2463 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(110, 79, 119)` looks like.

```
.text, #text, p{  
    color:rgb(110, 79, 119)  
}
```

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(110, 79, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 79, 119) }
```

Border

The CSS property to change the border of an element to Yxy 10.2389, 0.3021, 0.2463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

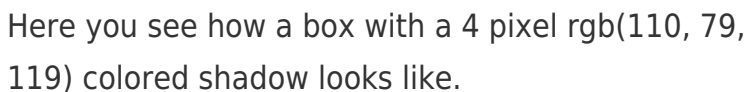
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 79, 119) }
```

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

```
.border{ border-color:rgb(110, 79, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 79, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 79, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 79, 119); box-shadow:4px 4px 4px 4px rgb(110, 79, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2389, 0.3021, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 79, 119) }
```

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

```
.background{ background-color: rgb(110, 79,  
119) }
```

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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