

Converting Colors

$Y_{xy}(10.6918, 0.3483, 0.2852)$

Have a look what the booklet for
Yxy(10.6918, 0.3483, 0.2852)
contains.

Yxy(10.7419, 0.3490, 0.2861) 3

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Color

Yxy(10.7419, 0.3490, 0.2861)

Conversions

Conversions Part 1	
Format	Color
Hex	795065
RGB	121, 80, 101
RGB Percent	47%, 31%, 40%
CMY	0.5255, 0.6863, 0.6038
CMYK	0.00, 0.34, 0.17, 0.53
HSL	329°, 20%, 39%
HSV	329°, 34%, 47%
XYZ	13.1035, 10.7419, 13.7005
YIQ	94.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

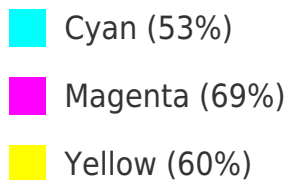
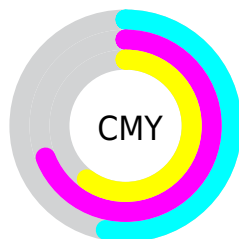
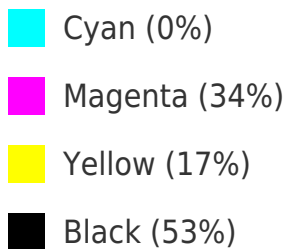
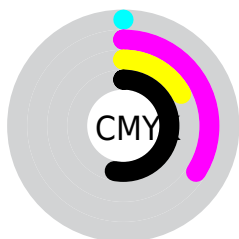
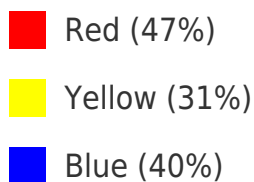
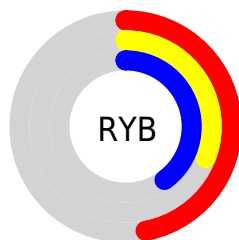
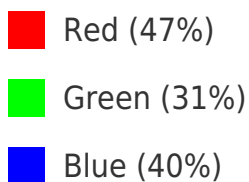
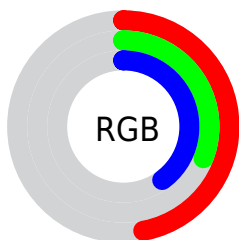
Format	Color
RYB	121, 80, 101
Decimal	7950437
CIELab	39.14, 20.62, -5.15
CIELCh	39, 21.248, 345.981
Yxy	10.7419, 0.3490, 0.2861
Android (android.graphics.Color)	4286140517 (0xFF795065)
YUV	94.6530, 3.1291, 23.1063
Hunter-Lab	32.7748, 14.0092, -1.8420

Details

The Yxy color $10.7419, 0.3490, 0.2861$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $16.2997, 0.2875, 0.3766$, and the grayscale version is $11.3463, 0.3127, 0.3290$.

A 20% lighter version of the original color is $27.2309, 0.3394, 0.2971$, and $2.7500, 0.3687, 0.2643$ is the 20% darker color. If you saturate the color by 10%, you get $9.0157, 0.3642, 0.2732$, and if you desaturate by 10%, it is $12.7965, 0.3360, 0.2992$.


Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7419, 0.3490, 0.2861 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 10.7419, 0.3490, 0.2861 by changing the saturation by 10% instead.


 10.7419, 0.3490,
0.2861


 10.7419, 0.3490,
0.2861


195.8882, 0.3269,
0.3120


 5.8936, 0.3566,
0.2774


 27.1819, 0.3396,
0.2969


 2.7805, 0.3683,
0.2642


 39.5423, 0.3366,
0.3005


 1.0182, 0.3883,
0.2423

 55.1756, 0.3341,
0.3034

 0.0000, 0.6169,
0.0000

 74.4661, 0.3321,
0.3058

 0.0000, 0.0000,
0.0000

 97.7982, 0.3305,
0.3077


125.5563, 0.3291,

0.3094


158.1249, 0.3279,
0.3108


 10.7419, 0.3490,
0.2861


 10.7419, 0.3490,
0.2861


 9.0157, 0.3642,
0.2732


 12.7965, 0.3360,
0.2992


 7.5992, 0.3817,
0.2613

 15.1941, 0.3251,
0.3121


 6.4738, 0.4015,
0.2511


 17.9501, 0.3159,
0.3244


 5.6186, 0.4230,
0.2439


 21.0785, 0.3082,
0.3360


 5.0097, 0.4457,
0.2406

 24.5929, 0.3018,
0.3468


 4.6148, 0.4686,
0.2420

 28.5056, 0.2965,
0.3568

 4.4132, 0.4831,
0.2435

 32.8289, 0.2920,
0.3661

 37.5744, 0.2883,
0.3745

 42.7530, 0.2853,
0.3823

Harmonies

Analogous

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



10.7419, 0.2996, 0.2615



10.7419, 0.3490, 0.2861



10.7419, 0.3905, 0.3208

Triad

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



10.7419, 0.3490, 0.2861



10.7419, 0.3661, 0.4151



10.7419, 0.2249, 0.2868

Complementary

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



10.7419, 0.3490, 0.2861



16.2997, 0.2875, 0.3766

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.



10.7419, 0.2397, 0.3302



10.7419, 0.3490, 0.2861



10.7419, 0.3198, 0.4107

Square

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



10.7419, 0.3490, 0.2861



10.7419, 0.3996, 0.3942



10.7419, 0.2737, 0.3780



10.7419, 0.2311, 0.2596

Rectangle

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



10.7419, 0.3490, 0.2861



10.7419, 0.4061, 0.3465



10.7419, 0.2737, 0.3780



10.7419, 0.2275, 0.2998

Sweetspot

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



10.7424, 0.3490, 0.2861



28.9265, 0.3215, 0.3166



9.8168, 0.2836, 0.2409



6.4906, 0.3226, 0.3152



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.



10.7424, 0.3490, 0.2861



16.6768, 0.3612, 0.2756



10.3917, 0.3857, 0.3278



4.0462, 0.3204, 0.3181



4.7272, 0.4838, 0.2439



22.3765, 0.4945, 0.2498

Inverse Universe

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



10.7424, 0.3490, 0.2861



16.6768, 0.3612, 0.2756



16.7437, 0.2674, 0.3303



4.0462, 0.3204, 0.3181



4.7272, 0.4838, 0.2439



22.3765, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 10.7419, 0.3490, 0.2861 looks on a white background.

Color Contrast Check

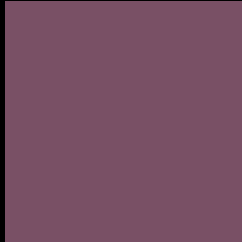
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7419, 0.3490, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

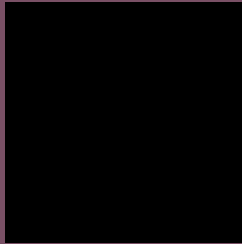
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7419, 0.3490, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 10.7419, 0.3490, 0.2861.



This preview shows how white text looks on a background with the Yxy color 10.7419, 0.3490, 0.2861.

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

10.7419, 0.3490, 0.2861

Protanopia

10.8823, 0.2848, 0.2895

Deuteranopia

10.8099, 0.3121, 0.3082



Tritanopia

10.7489, 0.3677, 0.3145

Trichromacy



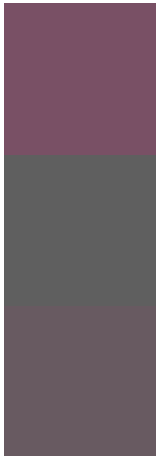
Original Color
10.7419, 0.3490, 0.2861

Protanomaly
10.7868, 0.3067, 0.2887

Deuteranomaly
10.6398, 0.3240, 0.2979

Tritanomaly
10.6682, 0.3610, 0.3041

Monochromacy



Original Color
10.7419, 0.3490, 0.2861

Achromatopsia
11.4435, 0.3127, 0.3290

Achromatomaly
11.1185, 0.3247, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7419, 0.3490, 0.2861 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(121, 80, 101)` looks like.

```
.text, #text, p{  
    color:rgb(121, 80, 101)  
}
```

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(121, 80, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 80, 101) }
```

Border

The CSS property to change the border of an element to Yxy 10.7419, 0.3490, 0.2861 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(121, 80, 101) }
```

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

```
.border{ border-color:rgb(121, 80, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 80, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 80, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 80, 101);  
box-shadow:4px 4px 4px 4px rgb(121, 80,  
101) }
```

Background

The CSS property to change the background color of an element to Yxy 10.7419, 0.3490, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 80, 101) }
```

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

```
.background{ background-color: rgb(121, 80,  
101) }
```

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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