

Converting Colors

$Y_{xy}(10.8156, 0.3343, 0.2772)$

Have a look what the booklet for
Yxy(10.8156, 0.3343, 0.2772)
contains.

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Color

Yxy(10.7770, 0.3353, 0.2776)

Conversions

Conversions Part 1

Format	Color
Hex	76516A
RGB	118, 81, 106
RGB Percent	46%, 32%, 42%
CMY	0.5372, 0.6824, 0.5843
CMYK	0.00, 0.31, 0.10, 0.54
HSL	319°, 19%, 39%
HSV	319°, 31%, 46%
XYZ	13.0170, 10.7770, 15.0280
YIQ	94.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

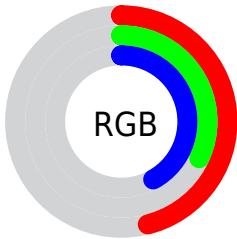
Format	Color
R_{YB}	118, 81, 106
Decimal	7754090
CIE _{Lab}	39.20, 19.79, -8.18
CIE _{LCh}	39, 21.412, 337.536
Yxy	10.7770, 0.3353, 0.2776
Android (android.graphics.Color)	4285944170 (0xFF76516A)
YUV	94.9130, 5.4659, 20.2473
Hunter-Lab	32.8283, 13.3289, -4.1617

Details

The Yxy color **10.7770, 0.3353, 0.2776** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.5018, 0.2957, 0.3868**, and the grayscale version is **11.4063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3248, 0.3302, 0.2911**, and **2.7830, 0.3464, 0.2507** is the 20% darker color. If you saturate the color by 10%, you get **9.0954, 0.3449, 0.2610**, and if you desaturate by 10%, it is **12.7680, 0.3269, 0.2944**.

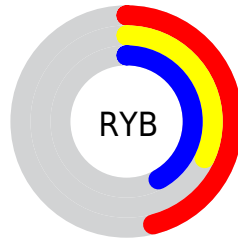
Distribution



Red (46%)

Green (32%)

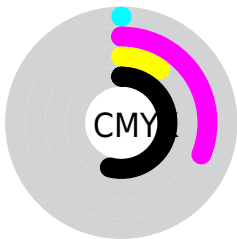
Blue (42%)



Red (46%)

Yellow (32%)

Blue (42%)

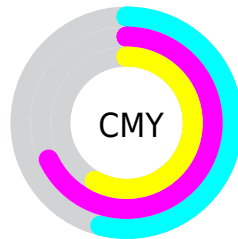


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (54%)



Cyan (54%)

Magenta (68%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7770, 0.3353, 0.2776 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 10.7770, 0.3353, 0.2776 by changing the saturation by 10% instead.

 10.7770, 0.3353,
0.2776


 10.7770, 0.3353,
0.2776


196.1312, 0.3218,
0.3084


 5.9171, 0.3397,
0.2674


 27.2471, 0.3297,
0.2904


 2.7947, 0.3463,
0.2523

 39.6260, 0.3278,
0.2947


 1.0255, 0.3571,
0.2274

 55.2801, 0.3263,
0.2981

 0.0000, 0.4561,
0.0000

 74.5937, 0.3251,
0.3009

 0.0000, 0.0000,
0.0000

 97.9512, 0.3241,
0.3032

125.7370, 0.3232,

0.3052

158.3355, 0.3225,
0.3069

■ 10.7770, 0.3353,
0.2776

■ 10.7770, 0.3353,
0.2776

■ 9.0954, 0.3449,
0.2610

■ 12.7680, 0.3269,
0.2944

■ 7.7060, 0.3557,
0.2453

■ 15.0817, 0.3197,
0.3110

■ 6.5920, 0.3677,
0.2313


■ 17.7324, 0.3135,
0.3269


■ 5.7343, 0.3805,
0.2201


■ 20.7328, 0.3083,
0.3419


■ 5.1115, 0.3939,
0.2125


■ 24.0954, 0.3038,
0.3560

 4.6985, 0.4074,
0.2093

 27.8318, 0.3001,
0.3691

 4.4276, 0.4193,
0.2083

 31.9530, 0.2970,
0.3811

 36.4698, 0.2944,
0.3922

 41.3925, 0.2922,
0.4024

Harmonies

Analogous

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



10.7770, 0.2862, 0.2566



10.7770, 0.3353, 0.2776



10.7770, 0.3810, 0.3102

Triad

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



10.7770, 0.3353, 0.2776



10.7770, 0.3778, 0.4119



10.7770, 0.2264, 0.2975

Complementary

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



10.7770, 0.3353, 0.2776



15.5018, 0.2957, 0.3868

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.



10.7770, 0.2471, 0.3441



10.7770, 0.3353, 0.2776



10.7770, 0.3335, 0.4156

Square

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



10.7770, 0.3353, 0.2776



10.7770, 0.4057, 0.3856



10.7770, 0.2857, 0.3900



10.7770, 0.2267, 0.2649

Rectangle

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



10.7770, 0.3353, 0.2776



10.7770, 0.4016, 0.3356



10.7770, 0.2857, 0.3900



10.7770, 0.2310, 0.3119

Sweetspot

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



10.7775, 0.3353, 0.2776



27.4591, 0.3183, 0.3145



9.5050, 0.2770, 0.2461



6.1929, 0.3190, 0.3126



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.7775, 0.3353, 0.2776



16.6560, 0.3425, 0.2650



10.4380, 0.3669, 0.3147



3.7387, 0.3181, 0.3148



4.7858, 0.4197, 0.2086



23.1598, 0.4264, 0.2123

Inverse Universe

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



10.7775, 0.3353, 0.2776



16.6560, 0.3425, 0.2650



15.8639, 0.2766, 0.3440



3.7387, 0.3181, 0.3148



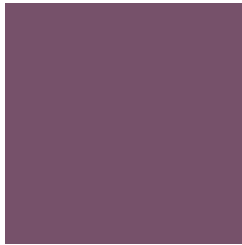
4.7858, 0.4197, 0.2086



23.1598, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 10.7770, 0.3353, 0.2776 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 10.7770, 0.3353, 0.2776 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 10.7770, 0.3353, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 10.7770, 0.3353, 0.2776.



This preview shows how white text looks on a background with the Yxy color 10.7770, 0.3353, 0.2776.

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

10.7770, 0.3353, 0.2776

Protanopia

10.9213, 0.2784, 0.2807

Deuteranopia

10.7986, 0.3018, 0.2968



Tritanopia

10.7918, 0.3581, 0.3163

Trichromacy



Original Color

10.7770, 0.3353, 0.2776

Protanomaly

10.7579, 0.2979, 0.2799

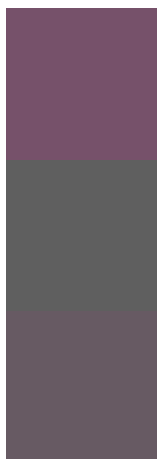
Deuteranomaly

10.7794, 0.3130, 0.2892

Tritanomaly

10.8129, 0.3498, 0.3016

Monochromacy



Original Color

10.7770, 0.3353, 0.2776

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.0967, 0.3200, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7770, 0.3353, 0.2776 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(118, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(118, 81, 106)  
}
```

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(118, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 81, 106) }
```

Border

The CSS property to change the border of an element to Yxy 10.7770, 0.3353, 0.2776 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(118, 81, 106) }
```

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

```
.border{ border-color:rgb(118, 81, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 81, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 81, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 81, 106);  
box-shadow:4px 4px 4px 4px rgb(118, 81,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7770, 0.3353, 0.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 81, 106) }
```

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

```
.background{ background-color: rgb(118, 81,  
106) }
```

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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