

Converting Colors

$Y_{xy}(19.4290, 0.3470, 0.2808)$

Have a look what the booklet for
Yxy(19.4290, 0.3470, 0.2808)
contains.

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Color

Yxy(19.3543, 0.3472, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	A06988
RGB	160, 105, 136
RGB Percent	63%, 41%, 53%
CMY	0.3724, 0.5883, 0.4666
CMYK	0.00, 0.34, 0.15, 0.37
HSL	326°, 22%, 52%
HSV	326°, 34%, 63%
XYZ	23.9993, 19.3543, 25.7689
YIQ	124.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

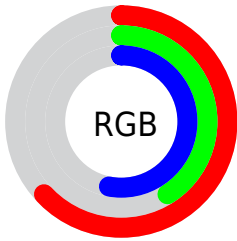
Format	Color
R_{YB}	160, 105, 136
Decimal	10512776
CIE _{Lab}	51.10, 26.81, -8.02
CIE _{LCh}	51, 27.981, 343.338
Yxy	19.3543, 0.3472, 0.2800
Android (android.graphics.Color)	4288702856 (0xFFA06988)
YUV	124.9790, 5.4334, 30.7134
Hunter-Lab	43.9935, 20.3866, -3.9332

Details

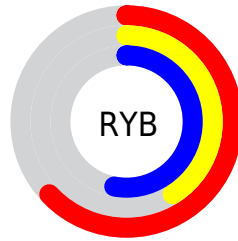
The Yxy color **19.3543, 0.3472, 0.2800** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.7427, 0.2888, 0.3841**, and the grayscale version is **20.4771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3870, 0.3402, 0.2910**, and **6.6260, 0.3608, 0.2610** is the 20% darker color. If you saturate the color by 10%, you get **16.2046, 0.3614, 0.2657**, and if you desaturate by 10%, it is **23.1322, 0.3350, 0.2947**.

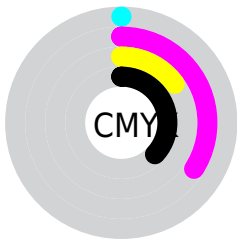
Distribution



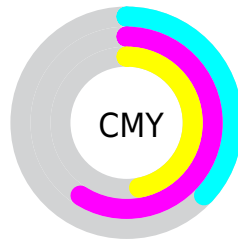
- Red (63%)
- Green (41%)
- Blue (53%)



- Red (63%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (37%)





- Cyan (37%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3543, 0.3472, 0.2800 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 19.3543, 0.3472, 0.2800 by changing the saturation by 10% instead.


 19.3543, 0.3472,
0.2800


 19.3543, 0.3472,
0.2800


248.3978, 0.3279,
0.3071


 11.9266, 0.3528,
0.2722


 42.3319, 0.3396,
0.2905

 6.6937, 0.3606,
0.2616

 58.6506, 0.3370,
0.2943

 3.2713, 0.3722,
0.2460

 78.7017, 0.3348,
0.2974

 1.2750, 0.3910,
0.2213

 102.8697, 0.3330,
0.2999

 0.1217, 0.4858,
0.0768

131.5389, 0.3314,
0.3021

 0.0000, 0.0000,
0.0000

165.0937, 0.3301,

0.3040

203.9185, 0.3289,
0.3057

■ 19.3543, 0.3472,
0.2800

■ 19.3543, 0.3472,
0.2800

■ 16.2046, 0.3614,
0.2657

■ 23.1322, 0.3350,
0.2947

■ 13.6457, 0.3776,
0.2525

■ 27.5676, 0.3247,
0.3092

■ 11.6403, 0.3956,
0.2416


■ 32.6913, 0.3161,
0.3231

■ 10.1457, 0.4152,
0.2339


■ 38.5313, 0.3088,
0.3363


■ 9.1128, 0.4355,
0.2307

■ 45.1141, 0.3028,
0.3485


 8.4824, 0.4557,
0.2325

 52.4647, 0.2978,
0.3598

 8.2194, 0.4671,
0.2347

 60.6070, 0.2937,
0.3703

 69.5639, 0.2902,
0.3798

 79.3573, 0.2873,
0.3886

Harmonies

Analogous

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



19.3543, 0.2938, 0.2549



19.3543, 0.3472, 0.2800



19.3543, 0.3938, 0.3163

Triad

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



19.3543, 0.3472, 0.2800



19.3543, 0.3740, 0.4210



19.3543, 0.2188, 0.2866

Complementary

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



19.3543, 0.3472, 0.2800



29.7427, 0.2888, 0.3841

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.



19.3543, 0.2365, 0.3347



19.3543, 0.3472, 0.2800



19.3543, 0.3246, 0.4197

Square

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



19.3543, 0.3472, 0.2800



19.3543, 0.4085, 0.3960



19.3543, 0.2744, 0.3865



19.3543, 0.2235, 0.2559

Rectangle

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



19.3543, 0.3472, 0.2800



19.3543, 0.4124, 0.3437



19.3543, 0.2744, 0.3865



19.3543, 0.2222, 0.3011

Sweetspot

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



19.3552, 0.3472, 0.2800



53.7866, 0.3209, 0.3151



17.2936, 0.2788, 0.2361



11.5334, 0.3221, 0.3133



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



19.3552, 0.3472, 0.2800



30.7943, 0.3575, 0.2694



18.6738, 0.3860, 0.3232



6.7056, 0.3201, 0.3165



6.4083, 0.4654, 0.2337



0.1230, 0.3952, 0.1951

Inverse Universe

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



19.3552, 0.3472, 0.2800



30.7943, 0.3575, 0.2694



30.5703, 0.2678, 0.3351



6.7056, 0.3201, 0.3165



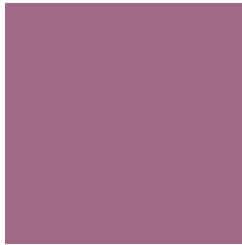
6.4083, 0.4654, 0.2337



0.1230, 0.3952, 0.1951

Previews

White Background



This preview shows how the Yxy color 19.3543, 0.3472, 0.2800 looks on a white background.

Color Contrast Check

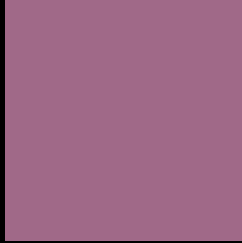
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.3543, 0.3472, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

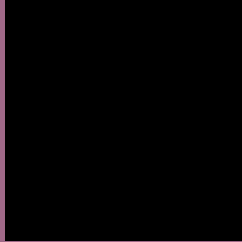
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3543, 0.3472, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 19.3543, 0.3472, 0.2800.



This preview shows how white text looks on a background with the Yxy color 19.3543, 0.3472, 0.2800.

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

19.3543, 0.3472, 0.2800

Protanopia

19.5320, 0.2813, 0.2837

Deuteranopia

19.5820, 0.3078, 0.3021



Tritanopia

19.2786, 0.3698, 0.3145

Trichromacy



Original Color

19.3543, 0.3472, 0.2800

Protanomaly

19.2010, 0.3038, 0.2820

Deuteranomaly

19.3593, 0.3208, 0.2929

Tritanomaly

19.3416, 0.3618, 0.3017

Monochromacy



Original Color

19.3543, 0.3472, 0.2800

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9451, 0.3250, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3543, 0.3472, 0.2800 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(160, 105, 136)` looks like.

```
.text, #text, p{  
    color:rgb(160, 105, 136)  
}
```

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(160, 105, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 105, 136) }
```

Border

The CSS property to change the border of an element to Yxy 19.3543, 0.3472, 0.2800 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(160, 105, 136) }
```

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

```
.border{ border-color:rgb(160, 105, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 105, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 105, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 105, 136);  
box-shadow:4px 4px 4px 4px rgb(160, 105,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3543, 0.3472, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 105, 136) }
```

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

```
.background{ background-color: rgb(160,  
105, 136) }
```

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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