

Converting Colors

$Y_{xy}(18.4970, 0.3556, 0.2792)$

Have a look what the booklet for
Yxy(18.4970, 0.3556, 0.2792)
contains.

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Color

Yxy(18.3574, 0.3553, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	A16484
RGB	161, 100, 132
RGB Percent	63%, 39%, 52%
CMY	0.3686, 0.6078, 0.4824
CMYK	0.00, 0.38, 0.18, 0.37
HSL	329°, 24%, 51%
HSV	329°, 38%, 63%
XYZ	23.4197, 18.3574, 24.1382
YIQ	121.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

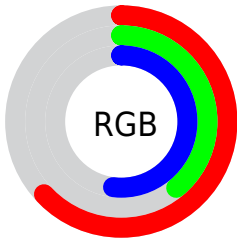
Format	Color
R_{YB}	161, 100, 132
Decimal	10577028
CIE _{Lab}	49.93, 29.29, -7.38
CIE _{LCh}	50, 30.209, 345.864
Yxy	18.3574, 0.3553, 0.2785
Android (android.graphics.Color)	4288767108 (0xFFA16484)
YUV	121.8870, 4.9857, 34.3021
Hunter-Lab	42.8455, 22.5898, -3.4107

Details

The Yxy color $18.3574, 0.3553, 0.2785$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.7842, 0.2848, 0.3863$, and the grayscale version is $19.4010, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.7110, 0.3459, 0.2897$, and $6.1803, 0.3718, 0.2573$ is the 20% darker color. If you saturate the color by 10%, you get $15.3669, 0.3717, 0.2654$, and if you desaturate by 10%, it is $21.9753, 0.3412, 0.2922$.

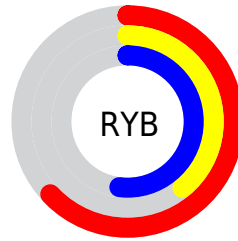
Distribution



Red (63%)

Green (39%)

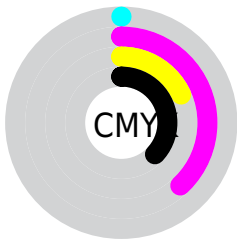
Blue (52%)



Red (63%)

Yellow (39%)

Blue (52%)

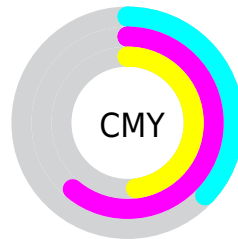


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (37%)



Cyan (37%)


Magenta (61%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3574, 0.3553, 0.2785 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 18.3574, 0.3553, 0.2785 by changing the saturation by 10% instead.


 18.3574, 0.3553,
0.2785


 18.3574, 0.3553,
0.2785


242.8779, 0.3312,
0.3066

 11.2069, 0.3625,
0.2703


 40.6454, 0.3458,
0.2895


 6.2062, 0.3725,
0.2590


 56.5517, 0.3424,
0.2934

 2.9708, 0.3875,
0.2425

 76.1453, 0.3397,
0.2966

 1.1165, 0.4125,
0.2159

 99.8107, 0.3375,
0.2993

 0.0000, 0.5825,
0.0000

127.9323, 0.3355,
0.3015

 0.0000, 0.0000,
0.0000

160.8944, 0.3339,

0.3035

199.0815, 0.3325,
0.3052

■ 18.3574, 0.3553,
0.2785

■ 18.3574, 0.3553,
0.2785

■ 15.3669, 0.3717,
0.2654

■ 21.9753, 0.3412,
0.2922

■ 12.9648, 0.3904,
0.2537

■ 26.2515, 0.3294,
0.3059

■ 11.1116, 0.4111,
0.2446


■ 31.2180, 0.3194,
0.3191

■ 9.7620, 0.4334,
0.2392


■ 36.9038, 0.3111,
0.3316


■ 8.8632, 0.4561,
0.2386


■ 43.3364, 0.3042,
0.3433

 8.3239, 0.4786,
0.2427

 50.5417, 0.2985,
0.3541

 8.2241, 0.4835,
0.2437

 58.5445, 0.2937,
0.3641

 67.3684, 0.2898,
0.3732

 77.0360, 0.2865,
0.3816

Harmonies

Analogous

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



18.3574, 0.2965, 0.2502



18.3574, 0.3553, 0.2785



18.3574, 0.4052, 0.3183

Triad

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



18.3574, 0.3553, 0.2785



18.3574, 0.3752, 0.4312



18.3574, 0.2100, 0.2783

Complementary

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



18.3574, 0.3553, 0.2785



29.7842, 0.2848, 0.3863

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.



18.3574, 0.2268, 0.3299



18.3574, 0.3553, 0.2785



18.3574, 0.3203, 0.4276

Square

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



18.3574, 0.3553, 0.2785



18.3574, 0.4153, 0.4046



18.3574, 0.2662, 0.3882



18.3574, 0.2172, 0.2472

Rectangle

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



18.3574, 0.3553, 0.2785



18.3574, 0.4239, 0.3480



18.3574, 0.2662, 0.3882



18.3574, 0.2130, 0.2936

Sweetspot

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



18.3583, 0.3553, 0.2785



52.8142, 0.3225, 0.3148



16.3142, 0.2769, 0.2263



11.3347, 0.3237, 0.3131



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.



18.3583, 0.3553, 0.2785



28.5259, 0.3681, 0.2680



17.6524, 0.3999, 0.3260



7.1451, 0.3207, 0.3173



6.5768, 0.4818, 0.2428



0.1477, 0.4097, 0.2030

Inverse Universe

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



18.3583, 0.3553, 0.2785



28.5259, 0.3681, 0.2680



30.7011, 0.2625, 0.3323



7.1451, 0.3207, 0.3173



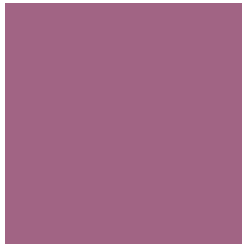
6.5768, 0.4818, 0.2428



0.1477, 0.4097, 0.2030

Previews

White Background



This preview shows how the Yxy color 18.3574, 0.3553, 0.2785 looks on a white background.

Color Contrast Check

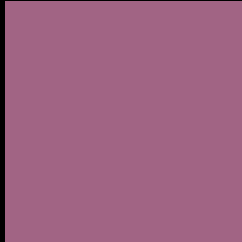
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3574, 0.3553, 0.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

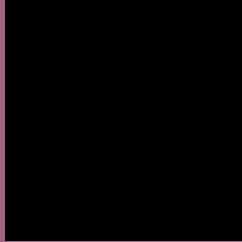
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3574, 0.3553, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 18.3574, 0.3553, 0.2785.



This preview shows how white text looks on a background with the Yxy color 18.3574, 0.3553, 0.2785.

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

18.3574, 0.3553, 0.2785

Protanopia

18.5479, 0.2796, 0.2811

Deuteranopia

18.5114, 0.3101, 0.3051



Tritanopia

18.4414, 0.3801, 0.3161

Trichromacy



Original Color

18.3574, 0.3553, 0.2785

Protanomaly

18.0876, 0.3037, 0.2777

Deuteranomaly

18.2525, 0.3262, 0.2940

Tritanomaly

18.5060, 0.3717, 0.3033

Monochromacy



Original Color

18.3574, 0.3553, 0.2785

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7752, 0.3267, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3574, 0.3553, 0.2785 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(161, 100, 132)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 132)  
}
```

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(161, 100, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 132) }
```

Border

The CSS property to change the border of an element to Yxy 18.3574, 0.3553, 0.2785 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(161, 100, 132) }
```

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

```
.border{ border-color:rgb(161, 100, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 100, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 100, 132);  
box-shadow:4px 4px 4px 4px rgb(161, 100,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3574, 0.3553, 0.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 132) }
```

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

```
.background{ background-color: rgb(161,  
100, 132) }
```

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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