

Converting Colors

$Y_{xy}(17.5453, 0.3453, 0.2855)$

Have a look what the booklet for
Yxy(17.5453, 0.3453, 0.2855)
contains.

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Color

Yxy(17.5453, 0.3453, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	966680
RGB	150, 102, 128
RGB Percent	59%, 40%, 50%
CMY	0.4119, 0.5999, 0.4980
CMYK	0.00, 0.32, 0.15, 0.41
HSL	327°, 19%, 49%
HSV	327°, 32%, 59%
XYZ	21.2203, 17.5453, 22.6891
YIQ	119.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

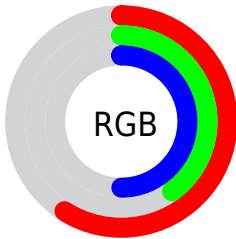
Format	Color
R_{YB}	150, 102, 128
Decimal	9856640
CIE _{Lab}	48.94, 23.41, -6.61
CIE _{LCh}	49, 24.326, 344.241
Yxy	17.5453, 0.3453, 0.2855
Android (android.graphics.Color)	4288046720 (0xFF966680)
YUV	119.3160, 4.2812, 26.9099
Hunter-Lab	41.8871, 17.1268, -2.7947

Details

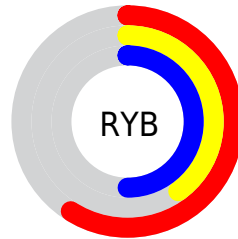
The Yxy color $17.5453, 0.3453, 0.2855$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $26.0825, 0.2895, 0.3772$, and the grayscale version is $18.5348, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.4265, 0.3378, 0.2954$, and $5.7995, 0.3584, 0.2676$ is the 20% darker color. If you saturate the color by 10%, you get $14.6847, 0.3596, 0.2716$, and if you desaturate by 10%, it is $20.9530, 0.3331, 0.2996$.

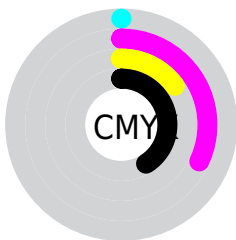
Distribution



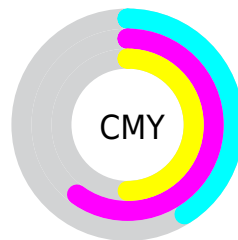
- Red (59%)
- Green (40%)
- Blue (50%)



- Red (59%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (41%)




- Cyan (41%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5453, 0.3453, 0.2855 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 17.5453, 0.3453, 0.2855 by changing the saturation by 10% instead.


 17.5453, 0.3453,
0.2855


 17.5453, 0.3453,
0.2855


238.2955, 0.3268,
0.3100


 10.6240, 0.3509,
0.2782


 39.2610, 0.3379,
0.2952


 5.8146, 0.3588,
0.2681


 54.8242, 0.3353,
0.2986

 2.7327, 0.3708,
0.2529

 74.0368, 0.3332,
0.3014

 0.9938, 0.3912,
0.2279

 97.2833, 0.3315,
0.3037

 0.0000, 0.5792,
0.0000

124.9480, 0.3300,
0.3056

 0.0000, 0.0000,
0.0000

157.4154, 0.3288,

0.3073

195.0697, 0.3277,
0.3087

■ 17.5453, 0.3453,
0.2855

■ 17.5453, 0.3453,
0.2855

■ 14.6847, 0.3596,
0.2716

■ 20.9530, 0.3331,
0.2996

■ 12.3398, 0.3760,
0.2586

■ 24.9323, 0.3228,
0.3133

■ 10.4797, 0.3946,
0.2475


■ 29.5091, 0.3142,
0.3265

■ 9.0692, 0.4149,
0.2393


■ 34.7068, 0.3071,
0.3389

■ 8.0681, 0.4363,
0.2352


■ 40.5478, 0.3011,
0.3504


 7.4290, 0.4578,
0.2360

 47.0532, 0.2961,
0.3610

 7.0786, 0.4751,
0.2391

 54.2433, 0.2920,
0.3707

 62.1373, 0.2886,
0.3797

 70.7539, 0.2858,
0.3879

Harmonies

Analogous

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



17.5453, 0.2973, 0.2622



17.5453, 0.3453, 0.2855



17.5453, 0.3864, 0.3190

Triad

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



17.5453, 0.3453, 0.2855



17.5453, 0.3671, 0.4121



17.5453, 0.2274, 0.2901

Complementary

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



17.5453, 0.3453, 0.2855



26.0825, 0.2895, 0.3772

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.



17.5453, 0.2431, 0.3330



17.5453, 0.3453, 0.2855



17.5453, 0.3225, 0.4093

Square

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



17.5453, 0.3453, 0.2855



17.5453, 0.3985, 0.3909



17.5453, 0.2772, 0.3790



17.5453, 0.2323, 0.2625

Rectangle

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



17.5453, 0.3453, 0.2855



17.5453, 0.4026, 0.3440



17.5453, 0.2772, 0.3790



17.5453, 0.2304, 0.3031

Sweetspot

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



17.5461, 0.3453, 0.2855



45.3769, 0.3212, 0.3157



15.9629, 0.2829, 0.2440



9.8411, 0.3224, 0.3140



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.5461, 0.3453, 0.2855



27.4534, 0.3547, 0.2760



16.9957, 0.3796, 0.3251



5.8648, 0.3203, 0.3171



5.8803, 0.4737, 0.2383



0.0779, 0.3936, 0.1942

Inverse Universe

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



17.5461, 0.3453, 0.2855



27.4534, 0.3547, 0.2760



26.7520, 0.2701, 0.3331



5.8648, 0.3203, 0.3171



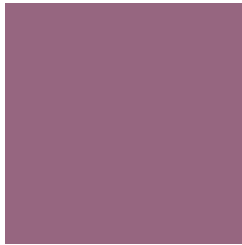
5.8803, 0.4737, 0.2383



0.0779, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 17.5453, 0.3453, 0.2855 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 17.5453, 0.3453, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

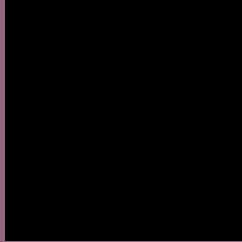
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5453, 0.3453, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 17.5453, 0.3453, 0.2855.



This preview shows how white text looks on a background with the Yxy color 17.5453, 0.3453, 0.2855.

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

17.5453, 0.3453, 0.2855

Protanopia

17.8076, 0.2854, 0.2893

Deuteranopia

17.6017, 0.3113, 0.3047



Tritanopia

17.5913, 0.3629, 0.3153

Trichromacy



Original Color

17.5453, 0.3453, 0.2855

Protanomaly

17.5257, 0.3044, 0.2870

Deuteranomaly

17.4561, 0.3222, 0.2965

Tritanomaly

17.5982, 0.3575, 0.3052

Monochromacy



Original Color

17.5453, 0.3453, 0.2855

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9612, 0.3240, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5453, 0.3453, 0.2855 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(150, 102, 128)` looks like.

```
.text, #text, p{  
    color:rgb(150, 102, 128)  
}
```

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(150, 102, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 102, 128) }
```

Border

The CSS property to change the border of an element to Yxy 17.5453, 0.3453, 0.2855 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(150, 102, 128) }
```

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

```
.border{ border-color:rgb(150, 102, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 102, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 102, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 102, 128);  
box-shadow:4px 4px 4px 4px rgb(150, 102,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5453, 0.3453, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 102, 128) }
```

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

```
.background{ background-color: rgb(150,  
102, 128) }
```

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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