

Converting Colors

$Y_{xy}(42.7600, 0.3056, 0.3547)$

Have a look what the booklet for
Yxy(42.7600, 0.3056, 0.3547)
contains.

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Color

Yxy(42.7600, 0.3056, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	9CB5A3
RGB	156, 181, 163
RGB Percent	61%, 71%, 64%
CMY	0.3883, 0.2902, 0.3609
CMYK	0.14, 0.00, 0.10, 0.29
HSL	137°, 14%, 66%
HSV	137°, 14%, 71%
XYZ	36.8409, 42.7600, 40.9517
YIQ	171.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

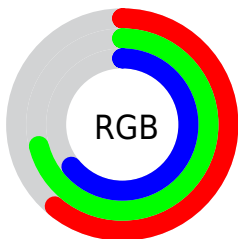
Format	Color
RYB	156, 176, 181
Decimal	10270115
CIELab	71.39, -12.13, 6.31
CIELCh	71, 13.673, 152.522
Yxy	42.7600, 0.3056, 0.3547
Android (android.graphics.Color)	4288460195 (0xFF9CB5A3)
YUV	171.4730, -4.1772, -13.5698
Hunter-Lab	65.3911, -13.8689, 8.6430

Details

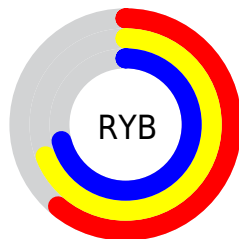
The Yxy color $42.7600, 0.3056, 0.3547$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $36.6529, 0.3207, 0.3046$, and the grayscale version is $40.9986, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4792, 0.3071, 0.3497$, and $19.5893, 0.3042, 0.3630$ is the 20% darker color. If you saturate the color by 10%, you get $40.6452, 0.3006, 0.3760$, and if you desaturate by 10%, it is $45.1957, 0.3108, 0.3357$.

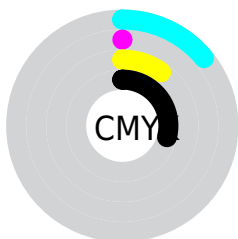
Distribution



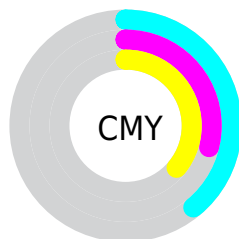
- Red (61%)
- Green (71%)
- Blue (64%)



- Red (61%)
- Yellow (69%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)




- Cyan (39%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7600, 0.3056, 0.3547 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 42.7600, 0.3056, 0.3547 by changing the saturation by 10% instead.


 42.7600, 0.3056,
0.3547


 42.7600, 0.3056,
0.3547


357.6238, 0.3093,
0.3414

 29.6969, 0.3046,
0.3582


 79.3486, 0.3070,
0.3498

 19.6086, 0.3033,
0.3627


 103.6428, 0.3075,
0.3480

 12.1109, 0.3015,
0.3689


132.4495, 0.3079,
0.3464

 6.8192, 0.2989,
0.3778

166.1530, 0.3083,
0.3451

 3.3493, 0.2946,
0.3920

205.1378, 0.3086,
0.3440

 1.3167, 0.2867,
0.4176

249.7883, 0.3089,

 0.1541, 0.0000,

0.3430

1.0000

300.4889, 0.3091,
0.3422

0.0000, 0.0000,
0.0000

42.7600, 0.3056,
0.3547

42.7600, 0.3056,
0.3547

40.6452, 0.3006,
0.3760

45.1957, 0.3108,
0.3357

38.8326, 0.2958,
0.3996

47.9594, 0.3159,
0.3189

37.3097, 0.2916,
0.4250

51.0648, 0.3208,
0.3042

36.0610, 0.2883,
0.4519

54.5231, 0.3256,
0.2913

35.0697, 0.2861,
0.4793

58.3450, 0.3300,
0.2802

■ 34.3169, 0.2853,
0.5061

■ 60.6764, 0.3266,
0.2690

■ 33.7811, 0.2861,
0.5310

■ 61.4849, 0.3167,
0.2572

■ 33.4365, 0.2883,
0.5526

■ 61.5320, 0.3161,
0.2566

■ 33.2874, 0.2900,
0.5641

Harmonies

Analogous

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



42.7600, 0.3254, 0.3632



42.7600, 0.3056, 0.3547



42.7600, 0.2881, 0.3387

Triad

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



42.7600, 0.3056, 0.3547



42.7600, 0.2836, 0.2969



42.7600, 0.3494, 0.3358

Complementary

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



42.7600, 0.3056, 0.3547



36.6529, 0.3207, 0.3046

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.



42.7600, 0.3375, 0.3191



42.7600, 0.3056, 0.3547



42.7600, 0.2993, 0.2971

Square

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



42.7600, 0.3056, 0.3547



42.7600, 0.2757, 0.3052



42.7600, 0.3190, 0.3052



42.7600, 0.3511, 0.3514

Rectangle

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



42.7600, 0.3056, 0.3547



42.7600, 0.2800, 0.3263



42.7600, 0.3190, 0.3052



42.7600, 0.3465, 0.3302

Sweetspot

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



42.7618, 0.3056, 0.3547



80.8227, 0.3106, 0.3361



44.4891, 0.3271, 0.3633



17.3943, 0.3102, 0.3375



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.7618, 0.3056, 0.3547



75.2022, 0.3038, 0.3618



43.2201, 0.2963, 0.3371



9.5278, 0.3079, 0.3458



22.9552, 0.2894, 0.5619



0.7325, 0.2732, 0.5034

Inverse Universe

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



36.6529, 0.3207, 0.3046



61.8502, 0.3229, 0.2983



36.1987, 0.3321, 0.3210



8.6054, 0.3179, 0.3127



7.9031, 0.4055, 0.2007



0.2580, 0.3770, 0.1851

Previews

White Background



This preview shows how the Yxy color 42.7600, 0.3056, 0.3547 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 42.7600, 0.3056, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

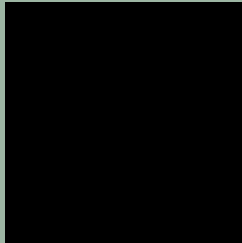
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

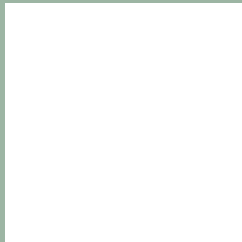
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7600, 0.3056, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 42.7600, 0.3056, 0.3547.



This preview shows how white text looks on a background with the Yxy color 42.7600, 0.3056, 0.3547.

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

42.7600, 0.3056, 0.3547

Protanopia

42.5991, 0.3317, 0.3493

Deuteranopia

42.7312, 0.3396, 0.3330



Tritanopia

42.7829, 0.2885, 0.3099

Trichromacy



Original Color

42.7600, 0.3056, 0.3547

Protanomaly

42.7530, 0.3222, 0.3525

Deuteranomaly

42.4275, 0.3267, 0.3398

Tritanomaly

42.5479, 0.2943, 0.3248

Monochromacy



Original Color

42.7600, 0.3056, 0.3547

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.5941, 0.3105, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7600, 0.3056, 0.3547 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(156, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 181, 163)  
}
```

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(156, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 181, 163) }
```

Border

The CSS property to change the border of an element to Yxy 42.7600, 0.3056, 0.3547 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(156, 181, 163) }
```

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

```
.border{ border-color:rgb(156, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 181,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7600, 0.3056, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 181, 163) }
```

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

```
.background{ background-color: rgb(156,  
181, 163) }
```

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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