

Converting Colors

$Yxy(42.6225, 0.3426, 0.4064)$

Have a look what the booklet for
Yxy(42.6225, 0.3426, 0.4064)
contains.

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Color

Yxy(42.5794, 0.3421, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	A5B57F
RGB	165, 181, 127
RGB Percent	65%, 71%, 50%
CMY	0.3530, 0.2902, 0.5020
CMYK	0.09, 0.00, 0.30, 0.29
HSL	78°, 27%, 60%
HSV	78°, 30%, 71%
XYZ	35.8690, 42.5794, 26.4011
YIQ	170.0600, 7.7980, -20.1860

Conversions

Conversions Part 2

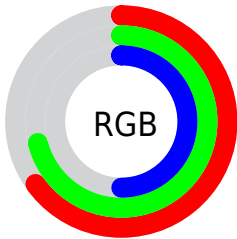
Format	Color
R_{YB}	127, 181, 143
Decimal	10859903
CIE _{Lab}	71.27, -14.83, 25.75
CIE _{LCh}	71, 29.715, 119.946
Yxy	42.5794, 0.3421, 0.4061
Android (android.graphics.Color)	4289049983 (0xFFA5B57F)
YUV	170.0600, -21.2286, -4.4376
Hunter-Lab	65.2529, -16.0724, 21.6885

Details

The Yxy color $42.5794, 0.3421, 0.4061$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $24.3515, 0.2765, 0.2470$, and the grayscale version is $40.3342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2358, 0.3376, 0.3914$, and $19.4189, 0.3490, 0.4306$ is the 20% darker color. If you saturate the color by 10%, you get $41.5875, 0.3511, 0.4333$, and if you desaturate by 10%, it is $43.6840, 0.3324, 0.3791$.

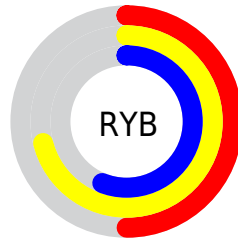
Distribution



Red (65%)

Green (71%)

Blue (50%)



Red (50%)

Yellow (71%)

Blue (56%)

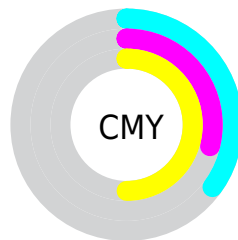


Cyan (9%)

Magenta (0%)

Yellow (30%)

Black (29%)



Cyan (35%)


Magenta (29%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5794, 0.3421, 0.4061 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 42.5794, 0.3421, 0.4061 by changing the saturation by 10% instead.


 42.5794, 0.3421,
0.4061


 42.5794, 0.3421,
0.4061


356.8792, 0.3280,
0.3660

 29.5552, 0.3453,
0.4165


 79.0758, 0.3372,
0.3912

 19.5013, 0.3493,
0.4302


 103.3168, 0.3352,
0.3857

 12.0330, 0.3541,
0.4486


 132.0655, 0.3336,
0.3811

 6.7662, 0.3597,
0.4748

165.7064, 0.3322,
0.3771

 3.3163, 0.3662,
0.5152

204.6238, 0.3309,
0.3738

 1.2990, 0.3880,
0.6120

249.2022, 0.3298,

 0.1404, 0.0000,

0.3708

1.0000

299.8258, 0.3289,
0.3683

0.0000, 0.0000,
0.0000

42.5794, 0.3421,
0.4061

42.5794, 0.3421,
0.4061

41.5875, 0.3511,
0.4333

43.6840, 0.3324,
0.3791

40.6978, 0.3591,
0.4598

44.9002, 0.3224,
0.3532

39.9069, 0.3653,
0.4845

46.2341, 0.3126,
0.3286

39.2091, 0.3695,
0.5062

47.6895, 0.3030,
0.3059

38.5977, 0.3713,
0.5239

49.2703, 0.2939,
0.2850

■ 38.0651, 0.3707,
0.5369

■ 50.9801, 0.2853,
0.2660

■ 37.5959, 0.3680,
0.5459

■ 52.8222, 0.2773,
0.2488

■ 37.5889, 0.3679,
0.5461

■ 53.6708, 0.2804,
0.2485

■ 54.4618, 0.2843,
0.2494

Harmonies

Analogous

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



42.5794, 0.3782, 0.3979



42.5794, 0.3421, 0.4061



42.5794, 0.2996, 0.3898

Triad

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



42.5794, 0.3421, 0.4061



42.5794, 0.2345, 0.2785



42.5794, 0.3636, 0.3046

Complementary

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



42.5794, 0.3421, 0.4061



24.3515, 0.2765, 0.2470

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.



42.5794, 0.3216, 0.2775



42.5794, 0.3421, 0.4061



42.5794, 0.2488, 0.2618

Square

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



42.5794, 0.3421, 0.4061



42.5794, 0.2392, 0.3113



42.5794, 0.2797, 0.2620



42.5794, 0.3921, 0.3382

Rectangle

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



42.5794, 0.3421, 0.4061



42.5794, 0.2735, 0.3669



42.5794, 0.2797, 0.2620



42.5794, 0.3505, 0.2945

Sweetspot

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



42.5813, 0.3421, 0.4061



80.5662, 0.3218, 0.3514



30.7896, 0.3718, 0.3511



17.3424, 0.3232, 0.3550



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.



42.5813, 0.3421, 0.4061



75.0310, 0.3483, 0.4245



40.0455, 0.3185, 0.4121



9.7776, 0.3219, 0.3518



25.9475, 0.3686, 0.5455



0.8448, 0.3834, 0.5338

Inverse Universe

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



24.3515, 0.2765, 0.2470



36.9695, 0.2663, 0.2258



26.9801, 0.3036, 0.2532



8.3482, 0.3030, 0.3058



2.8662, 0.1710, 0.0716



0.1212, 0.2035, 0.0895

Previews

White Background



This preview shows how the Yxy color 42.5794, 0.3421, 0.4061 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 42.5794, 0.3421, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

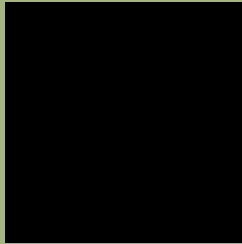
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

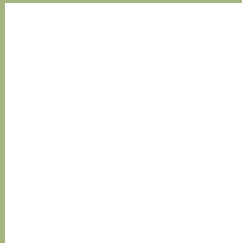
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5794, 0.3421, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 42.5794, 0.3421, 0.4061.



This preview shows how white text looks on a background with the Yxy color 42.5794, 0.3421, 0.4061.

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

42.5794, 0.3421, 0.4061

Protanopia

42.4187, 0.3689, 0.3960

Deuteranopia

42.3710, 0.3843, 0.3760



Tritanopia

42.3592, 0.3014, 0.3103

Trichromacy



Original Color

42.5794, 0.3421, 0.4061

Protanomaly

42.6282, 0.3592, 0.4003

Deuteranomaly

42.1664, 0.3683, 0.3863

Tritanomaly

42.3133, 0.3164, 0.3442

Monochromacy



Original Color

42.5794, 0.3421, 0.4061

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.9300, 0.3240, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5794, 0.3421, 0.4061 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(165, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 127)  
}
```

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(165, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 127) }
```

Border

The CSS property to change the border of an element to Yxy 42.5794, 0.3421, 0.4061 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(165, 181, 127) }
```

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

```
.border{ border-color:rgb(165, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5794, 0.3421, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 127) }
```

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

```
.background{ background-color: rgb(165,  
181, 127) }
```

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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