

Converting Colors

$Yxy(46.8023, 0.3040, 0.3652)$

Have a look what the booklet for
Yxy(46.8023, 0.3040, 0.3652)
contains.

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Color

Yxy(47.0461, 0.3038, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	9CBFA5
RGB	156, 191, 165
RGB Percent	61%, 75%, 65%
CMY	0.3884, 0.2509, 0.3529
CMYK	0.18, 0.00, 0.14, 0.25
HSL	135°, 22%, 68%
HSV	135°, 18%, 75%
XYZ	39.1257, 47.0461, 42.6158
YIQ	177.5710, -12.5140, -15.5060

Conversions

Conversions Part 2

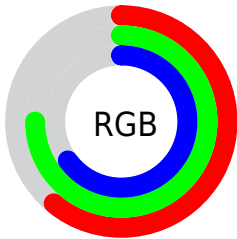
Format	Color
R _Y B	156, 184, 191
Decimal	10272677
CIE Lab	74.22, -16.93, 9.25
CIE LCh	74, 19.296, 151.341
Yxy	47.0461, 0.3038, 0.3653
Android (android.graphics.Color)	4288462757 (0xFF9CBFA5)
YUV	177.5710, -6.1975, -18.9178
Hunter-Lab	68.5902, -18.2116, 11.1756

Details

The Yxy color $47.0461, 0.3038, 0.3653$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $38.2155, 0.3230, 0.2952$, and the grayscale version is $44.3173, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.5377, 0.3057, 0.3580$, and $22.0266, 0.3009, 0.3758$ is the 20% darker color. If you saturate the color by 10%, you get $44.8028, 0.2991, 0.3885$, and if you desaturate by 10%, it is $49.6502, 0.3087, 0.3445$.

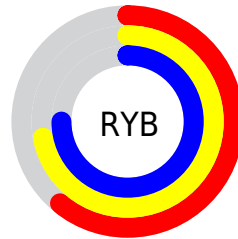
Distribution



Red (61%)

Green (75%)

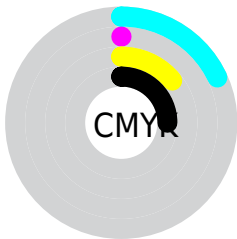
Blue (65%)



Red (61%)

Yellow (72%)

Blue (75%)

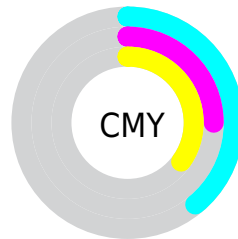


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (39%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0461, 0.3038, 0.3653 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 47.0461, 0.3038, 0.3653 by changing the saturation by 10% instead.


 47.0461, 0.3038,
0.3653


 47.0461, 0.3038,
0.3653


374.9985, 0.3085,
0.3467

 33.0721, 0.3026,
0.3701


 85.7824, 0.3055,
0.3584

 22.1817, 0.3009,
0.3763


 111.3136, 0.3062,
0.3559

 13.9905, 0.2987,
0.3847


141.4658, 0.3067,
0.3538

 8.1140, 0.2954,
0.3968

176.6237, 0.3072,
0.3519

 4.1680, 0.2901,
0.4155

217.1715, 0.3076,
0.3504

 1.7680, 0.2805,
0.4481

263.4936, 0.3079,

 0.4671, 0.0615,

0.3490

0.9385

315.9745, 0.3082,
0.3478

0.0000, 0.0000,
0.0000

47.0461, 0.3038,
0.3653

47.0461, 0.3038,
0.3653

44.8028, 0.2991,
0.3885

49.6502, 0.3087,
0.3445

42.8986, 0.2948,
0.4138

52.6239, 0.3135,
0.3261

41.3183, 0.2912,
0.4409


55.9832, 0.3182,
0.3100


40.0434, 0.2885,
0.4690


59.7415, 0.3228,
0.2959

39.0535, 0.2870,
0.4970


63.9112, 0.3271,
0.2836

 38.3254, 0.2870,
0.5235

 65.4325, 0.3193,
0.2708

 37.8325, 0.2885,
0.5471

 65.7482, 0.3157,
0.2663

 37.5330, 0.2911,
0.5665

 37.4924, 0.2915,
0.5694

Harmonies

Analogous

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



47.0461, 0.3307, 0.3764



47.0461, 0.3038, 0.3653



47.0461, 0.2800, 0.3431

Triad

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



47.0461, 0.3038, 0.3653



47.0461, 0.2725, 0.2857



47.0461, 0.3627, 0.3369

Complementary

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



47.0461, 0.3038, 0.3653



38.2155, 0.3230, 0.2952

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.



47.0461, 0.3458, 0.3146



47.0461, 0.3038, 0.3653



47.0461, 0.2932, 0.2858

Square

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



47.0461, 0.3038, 0.3653



47.0461, 0.2625, 0.2968



47.0461, 0.3200, 0.2963



47.0461, 0.3655, 0.3584

Rectangle

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



47.0461, 0.3038, 0.3653



47.0461, 0.2688, 0.3260



47.0461, 0.3200, 0.2963



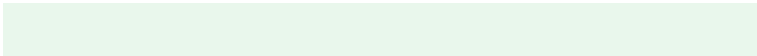
47.0461, 0.3585, 0.3293

Sweetspot

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



47.0481, 0.3038, 0.3653



90.0528, 0.3098, 0.3402



49.6424, 0.3324, 0.3752



19.7005, 0.3094, 0.3414



97.7402, 0.3127, 0.3290



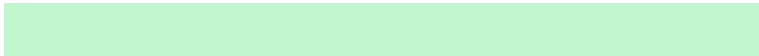
20.4902, 0.3127, 0.3290

Same Dimension

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



47.0481, 0.3038, 0.3653



82.5683, 0.3019, 0.3743



47.7192, 0.2915, 0.3409



10.6890, 0.3082, 0.3465



24.6465, 0.2909, 0.5671



0.9765, 0.2771, 0.5175

Inverse Universe

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



38.2155, 0.3230, 0.2952



63.8489, 0.3257, 0.2876



37.5459, 0.3393, 0.3174



9.6531, 0.3176, 0.3121



8.5707, 0.3981, 0.1967



0.3458, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 47.0461, 0.3038, 0.3653 looks on a white background.

Color Contrast Check

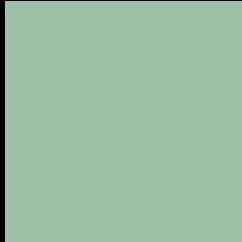
Large Text (above 18pt) WCAG AA × Fail

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 47.0461, 0.3038, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

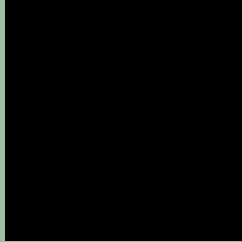
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0461, 0.3038, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 47.0461, 0.3038, 0.3653.



This preview shows how white text looks on a background with the Yxy color 47.0461, 0.3038, 0.3653.

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

47.0461, 0.3038, 0.3653

Protanopia

46.9411, 0.3376, 0.3577

Deuteranopia

46.8570, 0.3457, 0.3391



Tritanopia

47.0162, 0.2827, 0.3091

Trichromacy



Original Color

47.0461, 0.3038, 0.3653

Protanomaly

46.7715, 0.3249, 0.3598

Deuteranomaly

46.4026, 0.3293, 0.3473

Tritanomaly

47.0709, 0.2904, 0.3289

Monochromacy



Original Color

47.0461, 0.3038, 0.3653

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.4302, 0.3096, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0461, 0.3038, 0.3653 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, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(156, 191, 165)  
}
```

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, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 191, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.0461, 0.3038, 0.3653 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, 191, 165) }
```

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

```
.border{ border-color:rgb(156, 191, 165) }
```

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

Here you see how a box with a 4 pixel rgb(156, 191, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(156, 191,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0461, 0.3038, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 191, 165) }
```

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

```
.background{ background-color: rgb(156,  
191, 165) }
```

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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