

Converting Colors

$Yxy(42.5473, 0.3105, 0.3628)$

Have a look what the booklet for
Yxy(42.5473, 0.3105, 0.3628)
contains.

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Color

Yxy(42.6502, 0.3111, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	9DB59D
RGB	157, 181, 157
RGB Percent	62%, 71%, 62%
CMY	0.3844, 0.2902, 0.3843
CMYK	0.13, 0.00, 0.13, 0.29
HSL	120°, 14%, 66%
HSV	120°, 13%, 71%
XYZ	36.5120, 42.6502, 38.2021
YIQ	171.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

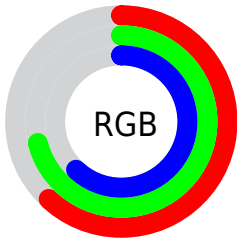
Format	Color
RYB	157, 181, 181
Decimal	10335645
CIELab	71.32, -12.90, 9.49
CIElCh	71, 16.009, 143.662
Yxy	42.6502, 0.3111, 0.3634
Android (android.graphics.Color)	4288525725 (0xFF9DB59D)
YUV	171.0880, -6.9454, -12.3552
Hunter-Lab	65.3071, -14.4913, 11.0327

Details

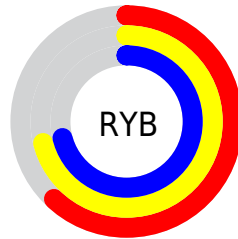
The Yxy color **42.6502, 0.3111, 0.3634** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2716, 0.3142, 0.2968**, and the grayscale version is **40.8089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3189, 0.3114, 0.3564**, and **19.4822, 0.3095, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **40.3913, 0.3097, 0.3933**, and if you desaturate by 10%, it is **45.2741, 0.3123, 0.3369**.

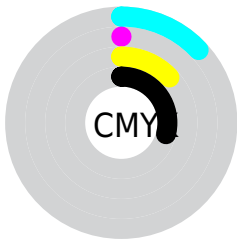
Distribution



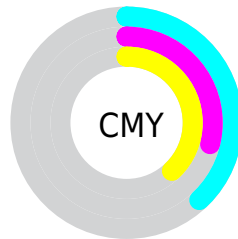
- Red (62%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)




- Cyan (38%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6502, 0.3111, 0.3634 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 42.6502, 0.3111, 0.3634 by changing the saturation by 10% instead.


 42.6502, 0.3111,
0.3634


 42.6502, 0.3111,
0.3634


357.1712, 0.3121,
0.3456

 29.6108, 0.3108,
0.3681


 79.1827, 0.3115,
0.3568

 19.5433, 0.3103,
0.3742


 103.4446, 0.3117,
0.3543

 12.0635, 0.3096,
0.3826


132.2161, 0.3118,
0.3523

 6.7870, 0.3085,
0.3948

165.8815, 0.3119,
0.3505

 3.3292, 0.3064,
0.4142

204.8254, 0.3119,
0.3490

 1.3059, 0.3040,
0.4529

249.4320, 0.3120,

 0.1458, 0.0000,

0.3477

1.0000

300.0859, 0.3121,
0.3466

0.0000, 0.0000,
0.0000

42.6502, 0.3111,
0.3634

42.6502, 0.3111,
0.3634

40.3913, 0.3097,
0.3933

45.2741, 0.3123,
0.3369

38.4760, 0.3082,
0.4262

48.2722, 0.3134,
0.3138

36.8892, 0.3065,
0.4612

51.6606, 0.3144,
0.2939

35.6124, 0.3048,
0.4967

55.4524, 0.3152,
0.2767

34.6253, 0.3033,
0.5303

59.6604, 0.3159,
0.2620

■ 33.9054, 0.3019,
0.5592

■ 61.5309, 0.3161,
0.2566

■ 33.4265, 0.3009,
0.5811

■ 33.1574, 0.3003,
0.5945

■ 33.0509, 0.3000,
0.6000

Harmonies

Analogous

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



42.6502, 0.3339, 0.3699



42.6502, 0.3111, 0.3634



42.6502, 0.2893, 0.3465

Triad

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



42.6502, 0.3111, 0.3634



42.6502, 0.2749, 0.2933



42.6502, 0.3528, 0.3310

Complementary

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



42.6502, 0.3111, 0.3634



37.2716, 0.3142, 0.2968

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.



42.6502, 0.3359, 0.3121



42.6502, 0.3111, 0.3634



42.6502, 0.2908, 0.2908

Square

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



42.6502, 0.3111, 0.3634



42.6502, 0.2689, 0.3055



42.6502, 0.3130, 0.2977



42.6502, 0.3585, 0.3501

Rectangle

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



42.6502, 0.3111, 0.3634



42.6502, 0.2782, 0.3322



42.6502, 0.3130, 0.2977



42.6502, 0.3482, 0.3245

Sweetspot

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



42.6520, 0.3111, 0.3634



80.6783, 0.3123, 0.3389



45.3096, 0.3322, 0.3613



17.3577, 0.3122, 0.3408



91.1408, 0.3127, 0.3290



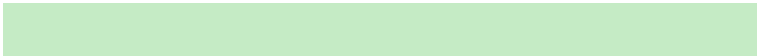
17.8868, 0.3127, 0.3290

Same Dimension

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



42.6520, 0.3111, 0.3634



75.1012, 0.3107, 0.3720



43.0825, 0.3018, 0.3459



9.4901, 0.3116, 0.3525



22.7825, 0.3000, 0.6000



0.7168, 0.3000, 0.6000

Inverse Universe

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



37.2716, 0.3142, 0.2968



63.5306, 0.3146, 0.2894



36.7997, 0.3252, 0.3127



8.6467, 0.3138, 0.3066



9.0717, 0.3209, 0.1542



0.2854, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 42.6502, 0.3111, 0.3634 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 42.6502, 0.3111, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

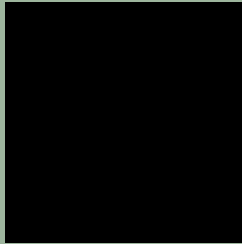
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

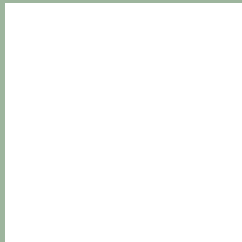
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6502, 0.3111, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 42.6502, 0.3111, 0.3634.



This preview shows how white text looks on a background with the Yxy color 42.6502, 0.3111, 0.3634.

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

42.6502, 0.3111, 0.3634

Protanopia

42.5171, 0.3378, 0.3575

Deuteranopia

42.4136, 0.3471, 0.3395



Tritanopia

42.4498, 0.2900, 0.3099

Trichromacy



Original Color

42.6502, 0.3111, 0.3634

Protanomaly

42.6616, 0.3281, 0.3609

Deuteranomaly

42.3354, 0.3328, 0.3480

Tritanomaly

42.5287, 0.2974, 0.3290

Monochromacy



Original Color

42.6502, 0.3111, 0.3634

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.5201, 0.3121, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6502, 0.3111, 0.3634 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(157, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 157)  
}
```

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(157, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.6502, 0.3111, 0.3634 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(157, 181, 157) }
```

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

```
.border{ border-color:rgb(157, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6502, 0.3111, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 157) }
```

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

```
.background{ background-color: rgb(157,  
181, 157) }
```

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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