

Converting Colors

$Yxy(41.0939, 0.3570, 0.4498)$

Have a look what the booklet for
Yxy(41.0939, 0.3570, 0.4498)
contains.

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Color

Yxy(41.0977, 0.3567, 0.4492)

Conversions

Conversions Part 1

Format	Color
Hex	9DB562
RGB	157, 181, 98
RGB Percent	62%, 71%, 38%
CMY	0.3842, 0.2902, 0.6158
CMYK	0.13, 0.00, 0.46, 0.29
HSL	77°, 36%, 55%
HSV	77°, 46%, 71%
XYZ	32.6348, 41.0977, 17.7584
YIQ	164.3620, 12.3390, -30.9010

Conversions

Conversions Part 2

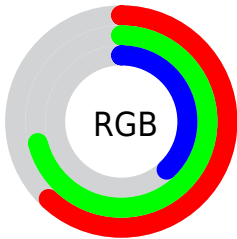
Format	Color
RYB	98, 181, 122
Decimal	10335586
CIELab	70.24, -21.62, 39.42
CIELCh	70, 44.965, 118.742
Yxy	41.0977, 0.3567, 0.4492
Android (android.graphics.Color)	4288525666 (0xFF9DB562)
YUV	164.3620, -32.7165, -6.4565
Hunter-Lab	64.1075, -21.3202, 28.4514

Details

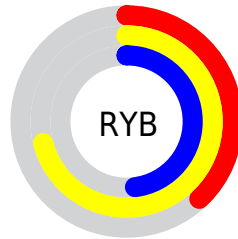
The Yxy color **41.0977, 0.3567, 0.4492** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **16.1983, 0.2507, 0.1959**, and the grayscale version is **37.4615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9165, 0.3503, 0.4261**, and **18.5948, 0.3654, 0.4867** is the 20% darker color. If you saturate the color by 10%, you get **40.2809, 0.3638, 0.4746**, and if you desaturate by 10%, it is **42.0180, 0.3481, 0.4224**.

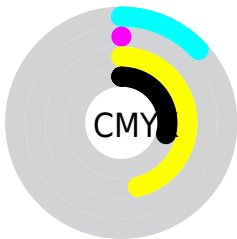
Distribution



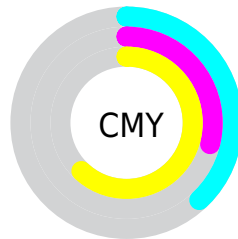
- Red (62%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (48%)



- Cyan (13%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0977, 0.3567, 0.4492 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 41.0977, 0.3567, 0.4492 by changing the saturation by 10% instead.

 41.0977, 0.3567,
0.4492

 41.0977, 0.3567,
0.4492


350.7288, 0.3366,
0.3862

 28.3954, 0.3607,
0.4654


 76.8322, 0.3501,
0.4258

 18.6240, 0.3650,
0.4863


 100.6332, 0.3474,
0.4172

 11.3989, 0.3691,
0.5139


 128.9026, 0.3450,
0.4099

 6.3358, 0.3713,
0.5513

 162.0247, 0.3429,
0.4038

 3.0503, 0.3781,
0.6219

200.3840, 0.3411,
0.3984

 1.1581, 0.3220,
0.6780

244.3648, 0.3394,

 0.0270, 0.0000,

0.3938

1.0000

294.3516, 0.3379,
0.3898

■ 0.0000, 0.0000,
0.0000

■ 41.0977, 0.3567,
0.4492

■ 41.0977, 0.3567,
0.4492

■ 40.2809, 0.3638,
0.4746

■ 42.0180, 0.3481,
0.4224

■ 39.5565, 0.3690,
0.4975

■ 43.0413, 0.3386,
0.3953

■ 38.9201, 0.3719,
0.5167

■ 44.1741, 0.3287,
0.3687


■ 38.3645, 0.3724,
0.5315


■ 45.4208, 0.3186,
0.3432

■ 37.8807, 0.3704,
0.5415


■ 46.7854, 0.3087,
0.3194

 37.6942, 0.3692,
0.5450

 48.2719, 0.2992,
0.2973

 49.8838, 0.2901,
0.2772

 51.6247, 0.2817,
0.2589

 53.1145, 0.2776,
0.2478

Harmonies

Analogous

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



41.0977, 0.4116, 0.4296



41.0977, 0.3567, 0.4492



41.0977, 0.2931, 0.4278

Triad

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



41.0977, 0.3567, 0.4492



41.0977, 0.1980, 0.2530



41.0977, 0.3881, 0.2899

Complementary

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



41.0977, 0.3567, 0.4492



16.1983, 0.2507, 0.1959

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.



41.0977, 0.3222, 0.2523



41.0977, 0.3567, 0.4492



41.0977, 0.2169, 0.2300

Square

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



41.0977, 0.3567, 0.4492



41.0977, 0.2048, 0.3016



41.0977, 0.2600, 0.2309



41.0977, 0.4337, 0.3372

Rectangle

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



41.0977, 0.3567, 0.4492



41.0977, 0.2544, 0.3909



41.0977, 0.2600, 0.2309



41.0977, 0.3671, 0.2760

Sweetspot

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



41.0995, 0.3567, 0.4492



79.4667, 0.3270, 0.3644



24.4994, 0.4175, 0.3632



17.0771, 0.3291, 0.3699



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.



41.0995, 0.3567, 0.4492



72.1357, 0.3639, 0.4747



37.6392, 0.3200, 0.4646



9.7810, 0.3220, 0.3518



26.0221, 0.3699, 0.5445



0.8467, 0.3843, 0.5331

Inverse Universe

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



16.1983, 0.2507, 0.1959



22.0193, 0.2335, 0.1640



19.8524, 0.2967, 0.2118



8.3451, 0.3028, 0.3058



2.8394, 0.1701, 0.0711



0.1199, 0.2023, 0.0888

Previews

White Background



This preview shows how the Yxy color 41.0977, 0.3567, 0.4492 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 41.0977, 0.3567, 0.4492 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 41.0977, 0.3567, 0.4492

Background



This preview shows how black text looks on a background with the Yxy color 41.0977, 0.3567, 0.4492.



This preview shows how white text looks on a background with the Yxy color 41.0977, 0.3567, 0.4492.

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

41.0977, 0.3567, 0.4492

Protanopia

41.0226, 0.3939, 0.4303

Deuteranopia

40.9201, 0.4132, 0.4056



Tritanopia

40.9534, 0.2987, 0.3099

Trichromacy



Original Color

41.0977, 0.3567, 0.4492

Protanomaly

40.8516, 0.3805, 0.4369

Deuteranomaly

40.5079, 0.3913, 0.4204

Tritanomaly

40.8524, 0.3210, 0.3604

Monochromacy



Original Color

41.0977, 0.3567, 0.4492

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2200, 0.3300, 0.3731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0977, 0.3567, 0.4492 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 98) }
```

Border

The CSS property to change the border of an element to Yxy 41.0977, 0.3567, 0.4492 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, 98) }
```

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

```
.border{ border-color:rgb(157, 181, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 98);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0977, 0.3567, 0.4492 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, 98) }
```

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

```
.background{ background-color: rgb(157,  
181, 98) }
```

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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