

Converting Colors

$Yxy(41.3767, 0.3267, 0.4199)$

Have a look what the booklet for
Yxy(41.3767, 0.3267, 0.4199)
contains.

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Color

Yxy(41.3168, 0.3267, 0.4194)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 91B77B |
| RGB | 145, 183, 123 |
| RGB Percent | 57%, 72%, 48% |
| CMY | 0.4314, 0.2823, 0.5177 |
| CMYK | 0.21, 0.00, 0.33, 0.28 |
| HSL | 98°, 29%, 60% |
| HSV | 98°, 33%, 72% |
| XYZ | 32.1845, 41.3168, 25.0127 |
| YIQ | 164.7980, -3.3880, -26.7160 |

Conversions

Conversions Part 2

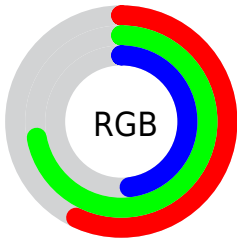
| Format | Color |
|-------------------------------------|--|
| RYB | 123, 183, 161 |
| Decimal | 9549691 |
| CIELab | 70.40, -23.90, 26.47 |
| CIELCh | 70, 35.664, 132.076 |
| Yxy | 41.3168, 0.3267, 0.4194 |
| Android (android.graphics.Color) | 4287739771 (0xFF91B77B) |
| YUV | 164.7980, -20.6064, -17.3628 |
| Hunter-Lab | 64.2781, -23.1105, 21.9230 |

Details

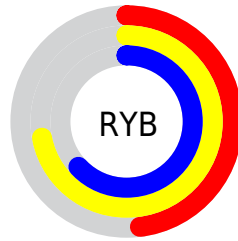
The Yxy color **41.3168, 0.3267, 0.4194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.1585, 0.2929, 0.2430**, and the grayscale version is **37.6268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1470, 0.3251, 0.4011**, and **18.7735, 0.3287, 0.4504** is the 20% darker color. If you saturate the color by 10%, you get **39.9027, 0.3298, 0.4506**, and if you desaturate by 10%, it is **42.9276, 0.3228, 0.3894**.

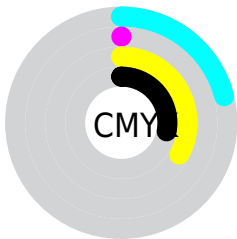
Distribution



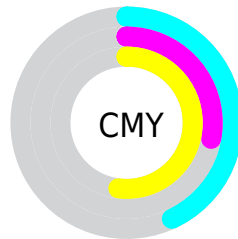
- Red (57%)
- Green (72%)
- Blue (48%)



- Red (48%)
- Yellow (72%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)





- Cyan (43%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3168, 0.3267, 0.4194 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 41.3168, 0.3267, 0.4194 by changing the saturation by 10% instead.


 41.3168, 0.3267,
0.4194


 41.3168, 0.3267,
0.4194

351.6429, 0.3208,
0.3714


 28.5667, 0.3277,
0.4322


 77.1646, 0.3249,
0.4013

 18.7533, 0.3286,
0.4492


 101.0310, 0.3241,
0.3947

 11.4921, 0.3292,
0.4725


 129.3718, 0.3234,
0.3892

 6.3989, 0.3285,
0.5063

162.5711, 0.3227,
0.3846

 3.0891, 0.3260,
0.5632

201.0135, 0.3222,
0.3806

 1.1784, 0.3023,
0.6977

245.0834, 0.3217,

 0.0440, 0.0000,

0.3771

1.0000

295.1650, 0.3212,
0.3741

0.0000, 0.0000,
0.0000

41.3168, 0.3267,
0.4194

41.3168, 0.3267,
0.4194

39.9027, 0.3298,
0.4506

42.9276, 0.3228,
0.3894

38.6718, 0.3318,
0.4819

44.7372, 0.3185,
0.3614

37.6175, 0.3325,
0.5117


46.7544, 0.3140,
0.3357


36.7302, 0.3314,
0.5383

48.9859, 0.3094,
0.3126


35.9995, 0.3286,
0.5600


51.4381, 0.3050,
0.2919


 35.4134, 0.3242,
0.5755

 54.1171, 0.3007,
0.2735

 35.0666, 0.3205,
0.5837

 57.0288, 0.2967,
0.2573

 59.2167, 0.3027,
0.2556

 61.2846, 0.3116,
0.2575

Harmonies

Analogous

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



41.3168, 0.3753, 0.4195



41.3168, 0.3267, 0.4194



41.3168, 0.2767, 0.3877

Triad

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



41.3168, 0.3267, 0.4194



41.3168, 0.2237, 0.2575



41.3168, 0.3914, 0.3148

Complementary

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



41.3168, 0.3267, 0.4194



25.1585, 0.2929, 0.2430

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.



41.3168, 0.3447, 0.2791



41.3168, 0.3267, 0.4194



41.3168, 0.2487, 0.2466

Square

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



41.3168, 0.3267, 0.4194



41.3168, 0.2200, 0.2887



41.3168, 0.2919, 0.2548



41.3168, 0.4153, 0.3556

Rectangle

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



41.3168, 0.3267, 0.4194



41.3168, 0.2492, 0.3546



41.3168, 0.2919, 0.2548



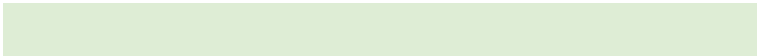
41.3168, 0.3776, 0.3020

Sweetspot

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



41.3186, 0.3267, 0.4194



81.0319, 0.3173, 0.3544



36.6389, 0.3707, 0.3807



17.7893, 0.3180, 0.3581



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.3186, 0.3267, 0.4194



72.2228, 0.3289, 0.4407



39.6908, 0.3032, 0.4132



10.2162, 0.3170, 0.3522



24.4973, 0.3214, 0.5830



0.8993, 0.3430, 0.5658

Inverse Universe

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



25.1585, 0.2929, 0.2430



38.9999, 0.2875, 0.2239



27.3655, 0.3239, 0.2573



8.9937, 0.3081, 0.3061



5.0100, 0.2317, 0.1050



0.2104, 0.2552, 0.1179

Previews

White Background



This preview shows how the Yxy color 41.3168, 0.3267, 0.4194 looks on a white background.

Color Contrast Check

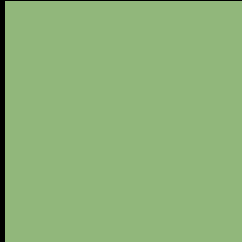
Large Text (above 18pt) WCAG AA × Fail

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 41.3168, 0.3267, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

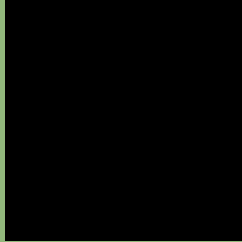
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3168, 0.3267, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 41.3168, 0.3267, 0.4194.



This preview shows how white text looks on a background with the Yxy color 41.3168, 0.3267, 0.4194.

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

41.3168, 0.3267, 0.4194

Protanopia

41.2522, 0.3730, 0.4020

Deuteranopia

41.1391, 0.3850, 0.3779



Tritanopia

41.3026, 0.2850, 0.3095

Trichromacy



Original Color

41.3168, 0.3267, 0.4194

Protanomaly

41.0647, 0.3550, 0.4082

Deuteranomaly

40.9565, 0.3621, 0.3922

Tritanomaly

41.1367, 0.2999, 0.3478

Monochromacy



Original Color

41.3168, 0.3267, 0.4194

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.9762, 0.3184, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3168, 0.3267, 0.4194 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(145, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(145, 183, 123)  
}
```

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(145, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 183, 123) }
```

Border

The CSS property to change the border of an element to Yxy 41.3168, 0.3267, 0.4194 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(145, 183, 123) }
```

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

```
.border{ border-color:rgb(145, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(145, 183,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3168, 0.3267, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 183, 123) }
```

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

```
.background{ background-color: rgb(145,  
183, 123) }
```

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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