

Converting Colors

$Yxy(41.5956, 0.3234, 0.4240)$

Have a look what the booklet for
Yxy(41.5956, 0.3234, 0.4240)
contains.

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Color

Yxy(41.7658, 0.3236, 0.4244)

Conversions

Conversions Part 1

Format	Color
Hex	8DB97A
RGB	141, 185, 122
RGB Percent	55%, 73%, 48%
CMY	0.4471, 0.2745, 0.5215
CMYK	0.24, 0.00, 0.34, 0.27
HSL	102°, 31%, 60%
HSV	102°, 34%, 73%
XYZ	31.8459, 41.7658, 24.7997
YIQ	164.6620, -6.0010, -28.9210

Conversions

Conversions Part 2

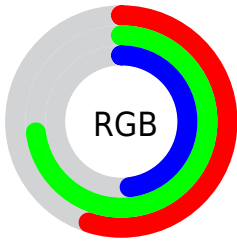
Format	Color
RYB	122, 185, 166
Decimal	9288058
CIELab	70.71, -26.47, 27.36
CIElCh	71, 38.068, 134.055
Yxy	41.7658, 0.3236, 0.4244
Android (android.graphics.Color)	4287478138 (0xFF8DB97A)
YUV	164.6620, -21.0324, -20.7516
Hunter-Lab	64.6265, -25.1370, 22.4867

Details

The Yxy color **41.7658, 0.3236, 0.4244** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.5356, 0.2963, 0.2405**, and the grayscale version is **37.5618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7415, 0.3227, 0.4049**, and **19.0943, 0.3244, 0.4575** is the 20% darker color. If you saturate the color by 10%, you get **40.2840, 0.3256, 0.4565**, and if you desaturate by 10%, it is **43.4708, 0.3208, 0.3936**.

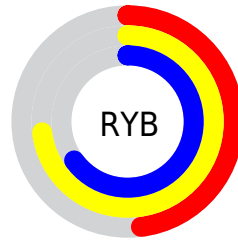
Distribution



Red (55%)

Green (73%)

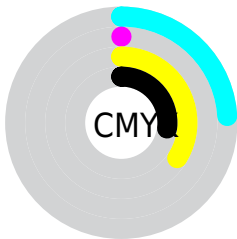
Blue (48%)



Red (48%)

Yellow (73%)

Blue (65%)

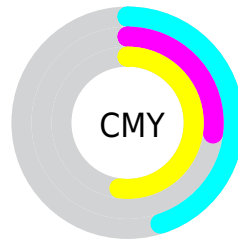


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (27%)



Cyan (45%)


Magenta (27%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7658, 0.3236, 0.4244 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 41.7658, 0.3236, 0.4244 by changing the saturation by 10% instead.


 41.7658, 0.3236,
0.4244


 41.7658, 0.3236,
0.4244


353.5112, 0.3194,
0.3737


 28.9180, 0.3241,
0.4380


 77.8451, 0.3225,
0.4053

 19.0188, 0.3243,
0.4559


 101.8452, 0.3219,
0.3983

 11.6838, 0.3239,
0.4806


 130.3317, 0.3214,
0.3925

 6.5288, 0.3216,
0.5165

163.6887, 0.3209,
0.3876

 3.1692, 0.3167,
0.5771

202.3008, 0.3205,
0.3834

 1.2207, 0.2825,
0.7175

246.5523, 0.3201,

 0.0785, 0.0000,

0.3797

1.0000

296.8276, 0.3198,
0.3765

■ 0.0000, 0.0000,
0.0000

■ 41.7658, 0.3236,
0.4244

■ 41.7658, 0.3236,
0.4244

■ 40.2840, 0.3256,
0.4565

■ 43.4708, 0.3208,
0.3936

■ 39.0104, 0.3266,
0.4886

■ 45.4025, 0.3176,
0.3650

■ 37.9367, 0.3263,
0.5191


■ 47.5710, 0.3142,
0.3388


■ 37.0515, 0.3246,
0.5459


■ 49.9843, 0.3106,
0.3154

■ 36.3425, 0.3214,
0.5674


■ 52.6499, 0.3071,
0.2945


 35.7953, 0.3170,
0.5822

 55.5750, 0.3037,
0.2760

 35.5333, 0.3142,
0.5887

 58.7666, 0.3004,
0.2598

 61.2258, 0.3078,
0.2587

 63.1800, 0.3159,
0.2604

Harmonies

Analogous

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



41.7658, 0.3757, 0.4262



41.7658, 0.3236, 0.4244



41.7658, 0.2711, 0.3886

Triad

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



41.7658, 0.3236, 0.4244



41.7658, 0.2197, 0.2517



41.7658, 0.3990, 0.3165

Complementary

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



41.7658, 0.3236, 0.4244



25.5356, 0.2963, 0.2405

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.



41.7658, 0.3502, 0.2784



41.7658, 0.3236, 0.4244



41.7658, 0.2474, 0.2419

Square

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



41.7658, 0.3236, 0.4244



41.7658, 0.2142, 0.2831



41.7658, 0.2940, 0.2519



41.7658, 0.4224, 0.3595

Rectangle

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



41.7658, 0.3236, 0.4244



41.7658, 0.2429, 0.3524



41.7658, 0.2940, 0.2519



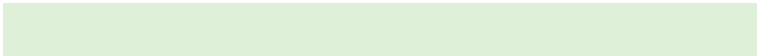
41.7658, 0.3848, 0.3029

Sweetspot

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



41.7676, 0.3236, 0.4244



82.7679, 0.3163, 0.3545



38.6517, 0.3715, 0.3882



17.7287, 0.3168, 0.3582



93.3107, 0.3127, 0.3290



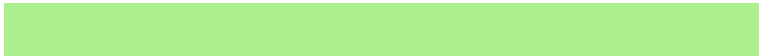
18.7317, 0.3127, 0.3290

Same Dimension

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



41.7676, 0.3236, 0.4244



72.7409, 0.3252, 0.4488



40.5478, 0.2999, 0.4102



10.1878, 0.3160, 0.3523



24.2273, 0.3150, 0.5881



0.8874, 0.3362, 0.5713

Inverse Universe

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



25.5356, 0.2963, 0.2405



39.1632, 0.2913, 0.2199



27.2725, 0.3290, 0.2596



9.0233, 0.3091, 0.3061



5.6164, 0.2469, 0.1134



0.2286, 0.2667, 0.1243

Previews

White Background



This preview shows how the Yxy color 41.7658, 0.3236, 0.4244 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 41.7658, 0.3236, 0.4244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

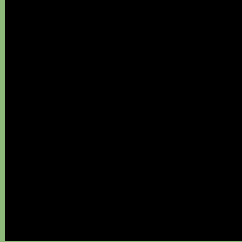
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7658, 0.3236, 0.4244

Background



This preview shows how black text looks on a background with the Yxy color 41.7658, 0.3236, 0.4244.



This preview shows how white text looks on a background with the Yxy color 41.7658, 0.3236, 0.4244.

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

41.7658, 0.3236, 0.4244

Protanopia

41.3542, 0.3748, 0.4031

Deuteranopia

41.2540, 0.3870, 0.3790



Tritanopia

41.4877, 0.2813, 0.3081

Trichromacy



Original Color

41.7658, 0.3236, 0.4244

Protanomaly

41.3222, 0.3545, 0.4112

Deuteranomaly

40.8095, 0.3620, 0.3938

Tritanomaly

41.2893, 0.2967, 0.3479

Monochromacy



Original Color

41.7658, 0.3236, 0.4244

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.7429, 0.3174, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7658, 0.3236, 0.4244 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(141, 185, 122)` looks like.

```
.text, #text, p{  
    color:rgb(141, 185, 122)  
}
```

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(141, 185, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 185, 122) }
```

Border

The CSS property to change the border of an element to Yxy 41.7658, 0.3236, 0.4244 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(141, 185, 122) }
```

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

```
.border{ border-color:rgb(141, 185, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 185, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 185, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 185, 122); box-shadow:4px 4px 4px 4px rgb(141, 185, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7658, 0.3236, 0.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 185, 122) }
```

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

```
.background{ background-color: rgb(141,  
185, 122) }
```

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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