

Converting Colors

$Yxy(41.0731, 0.3060, 0.4205)$

Have a look what the booklet for
Yxy(41.0731, 0.3060, 0.4205)
contains.

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Color

Yxy(41.0363, 0.3061, 0.4200)

Conversions

Conversions Part 1

Format	Color
Hex	7DBA80
RGB	125, 186, 128
RGB Percent	49%, 73%, 50%
CMY	0.5100, 0.2705, 0.4981
CMYK	0.33, 0.00, 0.31, 0.27
HSL	123°, 31%, 61%
HSV	123°, 33%, 73%
XYZ	29.9076, 41.0363, 26.7615
YIQ	161.1490, -17.7380, -30.9700

Conversions

Conversions Part 2

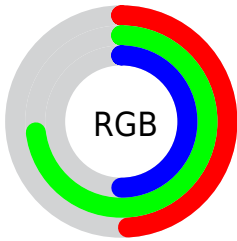
Format	Color
RYB	125, 183, 186
Decimal	8239744
CIELab	70.20, -31.47, 23.34
CIELCh	70, 39.186, 143.437
Yxy	41.0363, 0.3061, 0.4200
Android (android.graphics.Color)	4286429824 (0xFF7DBA80)
YUV	161.1490, -16.3425, -31.7027
Hunter-Lab	64.0596, -28.7676, 20.0727

Details

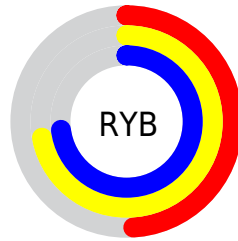
The Yxy color **41.0363, 0.3061, 0.4200** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **28.5165, 0.3196, 0.2523**, and the grayscale version is **35.7937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4242, 0.3081, 0.4012**, and **18.4691, 0.3021, 0.4509** is the 20% darker color. If you saturate the color by 10%, you get **39.3416, 0.3040, 0.4534**, and if you desaturate by 10%, it is **43.0777, 0.3082, 0.3888**.

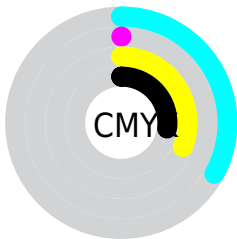
Distribution



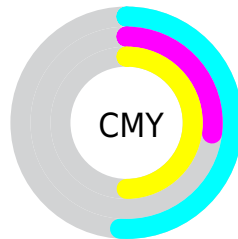
- Red (49%)
- Green (73%)
- Blue (50%)



- Red (49%)
- Yellow (72%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0363, 0.3061, 0.4200 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 41.0363, 0.3061, 0.4200 by changing the saturation by 10% instead.

 41.0363, 0.3061,
0.4200


 41.0363, 0.3061,
0.4200


350.4723, 0.3108,
0.3712

 28.3474, 0.3044,
0.4333


 76.7390, 0.3082,
0.4015

 18.5877, 0.3019,
0.4510


 100.5216, 0.3088,
0.3948

 11.3728, 0.2978,
0.4757


 128.7710, 0.3093,
0.3892

 6.3182, 0.2906,
0.5123

161.8714, 0.3097,
0.3845

 3.0395, 0.2767,
0.5722

200.2074, 0.3101,
0.3804

 1.1524, 0.2093,
0.7907

244.1633, 0.3103,

 0.0223, 0.0000,

0.3770

1.0000

294.1235, 0.3106,
0.3739

0.0000, 0.0000,
0.0000

41.0363, 0.3061,
0.4200

41.0363, 0.3061,
0.4200

39.3416, 0.3040,
0.4534

43.0777, 0.3082,
0.3888

37.9695, 0.3021,
0.4877

45.4781, 0.3103,
0.3605

36.9011, 0.3006,
0.5209


48.2554, 0.3122,
0.3355

36.1132, 0.2995,
0.5505

51.4249, 0.3140,
0.3136

35.5795, 0.2990,
0.5741

55.0010, 0.3156,
0.2947

 35.2686, 0.2991,
0.5901

 58.9973, 0.3171,
0.2784

 35.1429, 0.2991,
0.5969

 63.3947, 0.3183,
0.2643

 63.6027, 0.3159,
0.2614

Harmonies

Analogous

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



41.0363, 0.3618, 0.4329



41.0363, 0.3061, 0.4200



41.0363, 0.2549, 0.3738

Triad

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



41.0363, 0.3061, 0.4200



41.0363, 0.2233, 0.2436



41.0363, 0.4132, 0.3295

Complementary

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



41.0363, 0.3061, 0.4200



28.5165, 0.3196, 0.2523

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.



41.0363, 0.3691, 0.2880



41.0363, 0.3061, 0.4200



41.0363, 0.2584, 0.2403

Square

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



41.0363, 0.3061, 0.4200



41.0363, 0.2103, 0.2688



41.0363, 0.3111, 0.2564



41.0363, 0.4267, 0.3739

Rectangle

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



41.0363, 0.3061, 0.4200



41.0363, 0.2299, 0.3346



41.0363, 0.3111, 0.2564



41.0363, 0.4013, 0.3150

Sweetspot

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



41.0380, 0.3061, 0.4200



83.6888, 0.3108, 0.3536



46.7899, 0.3596, 0.4102



18.2797, 0.3105, 0.3572



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.0380, 0.3061, 0.4200



72.2098, 0.3047, 0.4426



41.9320, 0.2854, 0.3724



10.0671, 0.3109, 0.3514



23.6431, 0.2989, 0.5962



0.8359, 0.2947, 0.5809

Inverse Universe

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



28.5165, 0.3196, 0.2523



46.1777, 0.3212, 0.2368



27.4130, 0.3526, 0.2896



9.1548, 0.3145, 0.3076



9.1562, 0.3335, 0.1611



0.3251, 0.3300, 0.1592

Previews

White Background



This preview shows how the Yxy color 41.0363, 0.3061, 0.4200 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 41.0363, 0.3061, 0.4200 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 41.0363, 0.3061, 0.4200

Background



This preview shows how black text looks on a background with the Yxy color 41.0363, 0.3061, 0.4200.



This preview shows how white text looks on a background with the Yxy color 41.0363, 0.3061, 0.4200.

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

41.0363, 0.3061, 0.4200

Protanopia

40.6966, 0.3688, 0.3973

Deuteranopia

40.5237, 0.3768, 0.3695



Tritanopia

40.9649, 0.2696, 0.3089

Trichromacy



Original Color

41.0363, 0.3061, 0.4200

Protanomaly

40.2924, 0.3441, 0.4045

Deuteranomaly

40.0280, 0.3489, 0.3871

Tritanomaly

40.8989, 0.2829, 0.3468

Monochromacy



Original Color

41.0363, 0.3061, 0.4200

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

37.2153, 0.3103, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0363, 0.3061, 0.4200 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(125, 186, 128)` looks like.

```
.text, #text, p{  
    color:rgb(125, 186, 128)  
}
```

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(125, 186, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 186, 128) }
```

Border

The CSS property to change the border of an element to Yxy 41.0363, 0.3061, 0.4200 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(125, 186, 128) }
```

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

```
.border{ border-color:rgb(125, 186, 128) }
```

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

Here you see how a box with a 4 pixel rgb(125, 186, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 186, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 186, 128);  
box-shadow:4px 4px 4px 4px rgb(125, 186,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0363, 0.3061, 0.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 186, 128) }
```

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

```
.background{ background-color: rgb(125,  
186, 128) }
```

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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