

Converting Colors

$Yxy(41.3587, 0.3237, 0.3779)$

Have a look what the booklet for
Yxy(41.3587, 0.3237, 0.3779)
contains.

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Color

Yxy(41.3280, 0.3244, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	A0B290
RGB	160, 178, 144
RGB Percent	63%, 70%, 56%
CMY	0.3726, 0.3019, 0.4352
CMYK	0.10, 0.00, 0.19, 0.30
HSL	92°, 18%, 63%
HSV	92°, 19%, 70%
XYZ	35.4490, 41.3280, 32.4985
YIQ	168.7420, 0.1860, -14.3900

Conversions

Conversions Part 2

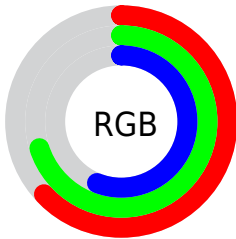
Format	Color
RYB	144, 178, 162
Decimal	10531472
CIELab	70.41, -12.53, 15.32
CIELCh	70, 19.786, 129.282
Yxy	41.3280, 0.3244, 0.3782
Android (android.graphics.Color)	4288721552 (0xFFA0B290)
YUV	168.7420, -12.1978, -7.6667
Hunter-Lab	64.2869, -14.0738, 15.0283

Details

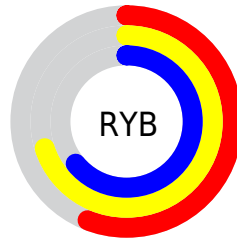
The Yxy color **41.3280, 0.3244, 0.3782** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.8508, 0.2990, 0.2802**, and the grayscale version is **39.6029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3699, 0.3224, 0.3688**, and **18.6635, 0.3266, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **39.8914, 0.3301, 0.4068**, and if you desaturate by 10%, it is **42.9279, 0.3183, 0.3515**.

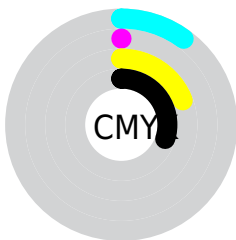
Distribution



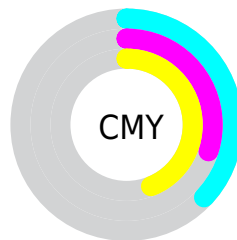
- Red (63%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (30%)




- Cyan (37%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3280, 0.3244, 0.3782 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 41.3280, 0.3244, 0.3782 by changing the saturation by 10% instead.


 41.3280, 0.3244,
0.3782


 41.3280, 0.3244,
0.3782


351.6896, 0.3188,
0.3525

 28.5755, 0.3257,
0.3850


 77.1816, 0.3224,
0.3686

 18.7599, 0.3273,
0.3939


 101.0514, 0.3216,
0.3651

 11.4969, 0.3294,
0.4061


129.3957, 0.3210,
0.3621

 6.4021, 0.3319,
0.4240

162.5990, 0.3204,
0.3596

 3.0911, 0.3349,
0.4523

201.0457, 0.3199,
0.3575

 1.1795, 0.3667,
0.5481

245.1201, 0.3195,

 0.0448, 0.0000,

0.3556

1.0000

295.2066, 0.3191,
0.3540

0.0000, 0.0000,
0.0000

41.3280, 0.3244,
0.3782

41.3280, 0.3244,
0.3782

39.8914, 0.3301,
0.4068

42.9279, 0.3183,
0.3515

38.6071, 0.3352,
0.4365

44.6911, 0.3122,
0.3269

37.4709, 0.3393,
0.4664

46.6244, 0.3061,
0.3046

36.4762, 0.3419,
0.4954

48.7326, 0.3003,
0.2845

35.6161, 0.3427,
0.5217

51.0204, 0.2947,
0.2665

■ 34.8826, 0.3414,
0.5440

■ 53.4922, 0.2895,
0.2506

■ 34.2668, 0.3381,
0.5611

■ 55.2437, 0.2938,
0.2484

■ 33.7537, 0.3332,
0.5730

■ 56.8129, 0.3011,
0.2501

■ 33.7108, 0.3328,
0.5740

■ 58.4674, 0.3084,
0.2518

Harmonies

Analogous

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



41.3280, 0.3508, 0.3787



41.3280, 0.3244, 0.3782



41.3280, 0.2957, 0.3626

Triad

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



41.3280, 0.3244, 0.3782



41.3280, 0.2606, 0.2903



41.3280, 0.3542, 0.3197

Complementary

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



41.3280, 0.3244, 0.3782



30.8508, 0.2990, 0.2802

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.



41.3280, 0.3283, 0.2986



41.3280, 0.3244, 0.3782



41.3280, 0.2746, 0.2816

Square

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



41.3280, 0.3244, 0.3782



41.3280, 0.2598, 0.3101



41.3280, 0.2990, 0.2849



41.3280, 0.3687, 0.3437

Rectangle

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



41.3280, 0.3244, 0.3782



41.3280, 0.2792, 0.3460



41.3280, 0.2990, 0.2849



41.3280, 0.3464, 0.3121

Sweetspot

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



41.3298, 0.3244, 0.3782



78.7639, 0.3165, 0.3439



37.1720, 0.3449, 0.3538



17.4057, 0.3169, 0.3455



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.



41.3298, 0.3244, 0.3782



73.7842, 0.3269, 0.3903



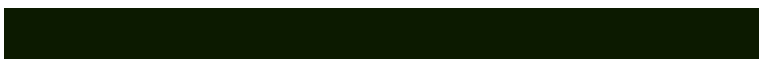
39.8062, 0.3099, 0.3795



9.6792, 0.3185, 0.3520



24.1546, 0.3336, 0.5733



0.7948, 0.3562, 0.5554

Inverse Universe

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



30.8508, 0.2990, 0.2802



51.2037, 0.2953, 0.2683



32.6083, 0.3154, 0.2832



8.4445, 0.3065, 0.3060



4.0557, 0.2098, 0.0929



0.1620, 0.2401, 0.1096

Previews

White Background



This preview shows how the Yxy color 41.3280, 0.3244, 0.3782 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 41.3280, 0.3244, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

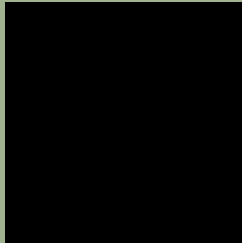
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3280, 0.3244, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 41.3280, 0.3244, 0.3782.



This preview shows how white text looks on a background with the Yxy color 41.3280, 0.3244, 0.3782.

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

41.3280, 0.3244, 0.3782

Protanopia

41.3732, 0.3489, 0.3715

Deuteranopia

40.8872, 0.3601, 0.3527



Tritanopia

41.1572, 0.2962, 0.3099

Trichromacy



Original Color

41.3280, 0.3244, 0.3782

Protanomaly

41.2238, 0.3398, 0.3738

Deuteranomaly

41.0151, 0.3469, 0.3617

Tritanomaly

41.1049, 0.3064, 0.3332

Monochromacy



Original Color

41.3280, 0.3244, 0.3782

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1501, 0.3173, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3280, 0.3244, 0.3782 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(160, 178, 144)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 144)  
}
```

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(160, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 144) }
```

Border

The CSS property to change the border of an element to Yxy 41.3280, 0.3244, 0.3782 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(160, 178, 144) }
```

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

```
.border{ border-color:rgb(160, 178, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 178, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 144);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3280, 0.3244, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 144) }
```

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

```
.background{ background-color: rgb(160,  
178, 144) }
```

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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