

Converting Colors

$Yxy(41.8978, 0.3271, 0.3828)$

Have a look what the booklet for
Yxy(41.8978, 0.3271, 0.3828)
contains.

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Color

Yxy(41.7703, 0.3268, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	A1B38E
RGB	161, 179, 142
RGB Percent	63%, 70%, 56%
CMY	0.3687, 0.2980, 0.4432
CMYK	0.10, 0.00, 0.21, 0.30
HSL	89°, 20%, 63%
HSV	89°, 21%, 70%
XYZ	35.6970, 41.7703, 31.7647
YIQ	169.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

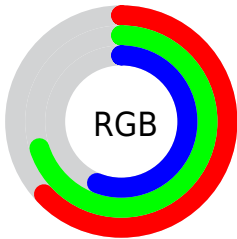
Format	Color
RYB	142, 179, 160
Decimal	10597262
CIELab	70.71, -13.01, 16.86
CIELCh	71, 21.298, 127.666
Yxy	41.7703, 0.3268, 0.3824
Android (android.graphics.Color)	4288787342 (0xFFA1B38E)
YUV	169.4000, -13.5082, -7.3668
Hunter-Lab	64.6299, -14.5117, 16.1008

Details

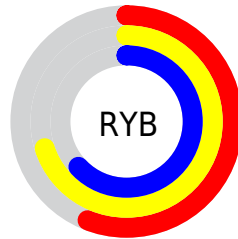
The Yxy color **41.7703, 0.3268, 0.3824** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.0702, 0.2960, 0.2755**, and the grayscale version is **39.9515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0011, 0.3242, 0.3720**, and **18.9456, 0.3298, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **40.4030, 0.3332, 0.4109**, and if you desaturate by 10%, it is **43.2907, 0.3200, 0.3555**.

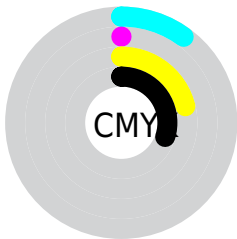
Distribution



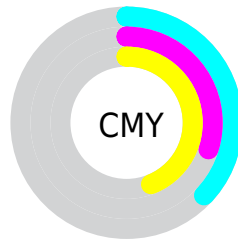
- Red (63%)
- Green (70%)
- Blue (56%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (30%)





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


Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7703, 0.3268, 0.3824 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 41.7703, 0.3268, 0.3824 by changing the saturation by 10% instead.


 41.7703, 0.3268,
0.3824

 41.7703, 0.3268,
0.3824


 353.5299, 0.3200,
0.3545

 28.9215, 0.3284,
0.3897


 77.8519, 0.3244,
0.3720


 19.0214, 0.3303,
0.3994


 101.8534, 0.3235,
0.3682


 11.6858, 0.3328,
0.4126


 130.3413, 0.3227,
0.3650

 6.5301, 0.3358,
0.4318

 163.6999, 0.3220,
0.3623

 3.1700, 0.3394,
0.4620

 202.3137, 0.3214,
0.3599

 1.2211, 0.3777,
0.5698

 246.5670, 0.3209,

 0.0789, 0.0000,

0.3579

1.0000

296.8443, 0.3204,
0.3561

0.0000, 0.0000,
0.0000

41.7703, 0.3268,
0.3824

41.7703, 0.3268,
0.3824

40.4030, 0.3332,
0.4109

43.2907, 0.3200,
0.3555

39.1779, 0.3389,
0.4402

44.9638, 0.3132,
0.3306

38.0912, 0.3434,
0.4695


46.7963, 0.3064,
0.3079


37.1365, 0.3464,
0.4974


48.7927, 0.2999,
0.2874


36.3070, 0.3474,
0.5225


50.9574, 0.2938,
0.2689


 35.5952, 0.3463,
0.5433

 53.2946, 0.2880,
0.2524

 34.9921, 0.3430,
0.5589

 54.9913, 0.2908,
0.2487

 34.5126, 0.3386,
0.5694

 56.4030, 0.2974,
0.2502

 57.8869, 0.3041,
0.2518

Harmonies

Analogous

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



41.7703, 0.3547, 0.3819



41.7703, 0.3268, 0.3824



41.7703, 0.2960, 0.3664

Triad

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



41.7703, 0.3268, 0.3824



41.7703, 0.2566, 0.2883



41.7703, 0.3559, 0.3176

Complementary

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



41.7703, 0.3268, 0.3824



30.0702, 0.2960, 0.2755

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.



41.7703, 0.3276, 0.2955



41.7703, 0.3268, 0.3824



41.7703, 0.2708, 0.2785

Square

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



41.7703, 0.3268, 0.3824



41.7703, 0.2565, 0.3100



41.7703, 0.2964, 0.2814



41.7703, 0.3724, 0.3432

Rectangle

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



41.7703, 0.3268, 0.3824



41.7703, 0.2780, 0.3488



41.7703, 0.2964, 0.2814



41.7703, 0.3474, 0.3096

Sweetspot

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



41.7721, 0.3268, 0.3824



78.8613, 0.3169, 0.3439



36.6370, 0.3483, 0.3543



17.4295, 0.3173, 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.



41.7721, 0.3268, 0.3824



73.6093, 0.3299, 0.3957



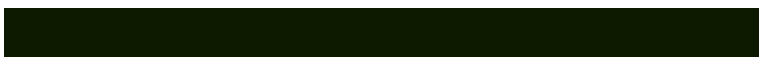
40.0006, 0.3106, 0.3851



9.6973, 0.3191, 0.3520



24.4242, 0.3394, 0.5687



0.8031, 0.3610, 0.5515

Inverse Universe

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



30.0702, 0.2960, 0.2755



48.7110, 0.2915, 0.2622



32.1073, 0.3145, 0.2785



8.4264, 0.3059, 0.3060



3.7749, 0.2012, 0.0882



0.1535, 0.2330, 0.1057

Previews

White Background



This preview shows how the Yxy color 41.7703, 0.3268, 0.3824 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 41.7703, 0.3268, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

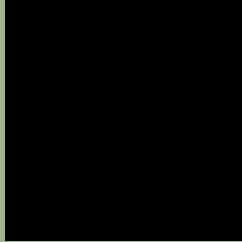
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

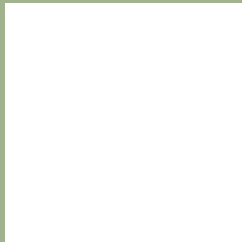
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7703, 0.3268, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 41.7703, 0.3268, 0.3824.



This preview shows how white text looks on a background with the Yxy color 41.7703, 0.3268, 0.3824.

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

41.7703, 0.3268, 0.3824

Protanopia

41.4364, 0.3516, 0.3741

Deuteranopia

41.4589, 0.3637, 0.3564



Tritanopia

41.7998, 0.2971, 0.3100

Trichromacy



Original Color

41.7703, 0.3268, 0.3824

Protanomaly

41.6674, 0.3423, 0.3779

Deuteranomaly

41.4537, 0.3494, 0.3657

Tritanomaly

41.5996, 0.3072, 0.3346

Monochromacy



Original Color

41.7703, 0.3268, 0.3824

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.4973, 0.3181, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7703, 0.3268, 0.3824 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(161, 179, 142)` looks like.

```
.text, #text, p{  
    color:rgb(161, 179, 142)  
}
```

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(161, 179, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 179, 142) }
```

Border

The CSS property to change the border of an element to Yxy 41.7703, 0.3268, 0.3824 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(161, 179, 142) }
```

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

```
.border{ border-color:rgb(161, 179, 142) }
```

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

Here you see how a box with a 4 pixel rgb(161, 179, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 179, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 179, 142);  
box-shadow:4px 4px 4px 4px rgb(161, 179,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7703, 0.3268, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 179, 142) }
```

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

```
.background{ background-color: rgb(161,  
179, 142) }
```

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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