

Converting Colors

$Yxy(42.4644, 0.3327, 0.3853)$

Have a look what the booklet for
Yxy(42.4644, 0.3327, 0.3853)
contains.

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Color

Yxy(42.6430, 0.3328, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	A6B48C
RGB	166, 180, 140
RGB Percent	65%, 71%, 55%
CMY	0.3489, 0.2941, 0.4510
CMYK	0.08, 0.00, 0.22, 0.29
HSL	81°, 21%, 63%
HSV	81°, 22%, 71%
XYZ	36.7848, 42.6430, 31.1035
YIQ	171.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

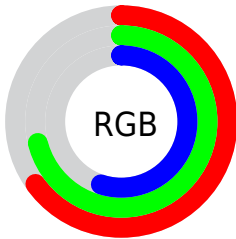
Format	Color
RYB	140, 180, 154
Decimal	10925196
CIELab	71.31, -11.97, 18.82
CIELCh	71, 22.304, 122.461
Yxy	42.6430, 0.3328, 0.3858
Android (android.graphics.Color)	4289115276 (0xFFA6B48C)
YUV	171.2540, -15.4082, -4.6078
Hunter-Lab	65.3016, -13.7276, 17.4710

Details

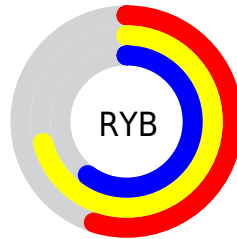
The Yxy color **42.6430, 0.3328, 0.3858** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.9196, 0.2892, 0.2703**, and the grayscale version is **40.9392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2581, 0.3289, 0.3748**, and **19.4943, 0.3380, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **41.4934, 0.3415, 0.4133**, and if you desaturate by 10%, it is **43.9165, 0.3238, 0.3593**.

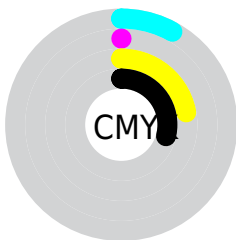
Distribution



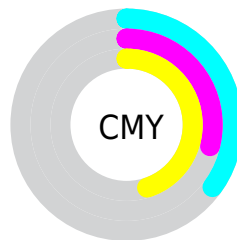
- Red (65%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)





- Cyan (35%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6430, 0.3328, 0.3858 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 42.6430, 0.3328, 0.3858 by changing the saturation by 10% instead.


 42.6430, 0.3328,
0.3858


 42.6430, 0.3328,
0.3858


357.1415, 0.3230,
0.3563

 29.6051, 0.3351,
0.3935


 79.1719, 0.3293,
0.3748

 19.5390, 0.3380,
0.4036


 103.4316, 0.3280,
0.3708

 12.0604, 0.3417,
0.4173


 132.2008, 0.3269,
0.3674

 6.7848, 0.3464,
0.4370

165.8637, 0.3259,
0.3645

 3.3279, 0.3523,
0.4675

204.8049, 0.3250,
0.3621

 1.3052, 0.3993,
0.5795

249.4087, 0.3243,

 0.1452, 0.0000,

0.3599

1.0000

300.0594, 0.3236,
0.3580

0.0000, 0.0000,
0.0000

42.6430, 0.3328,
0.3858

42.6430, 0.3328,
0.3858

41.4934, 0.3415,
0.4133

43.9165, 0.3238,
0.3593

40.4573, 0.3494,
0.4411

45.3125, 0.3147,
0.3343

39.5316, 0.3560,
0.4681


46.8372, 0.3058,
0.3111


38.7107, 0.3609,
0.4932


48.4945, 0.2974,
0.2899

37.9885, 0.3637,
0.5151


50.2880, 0.2893,
0.2707


 37.3583, 0.3641,
0.5328

 52.2214, 0.2818,
0.2533

 36.8116, 0.3620,
0.5456

 53.5692, 0.2819,
0.2477

 36.4317, 0.3593,
0.5529

 54.5106, 0.2865,
0.2488

 55.4887, 0.2913,
0.2499

Harmonies

Analogous

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



42.6430, 0.3605, 0.3822



42.6430, 0.3328, 0.3858



42.6430, 0.3007, 0.3720

Triad

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



42.6430, 0.3328, 0.3858



42.6430, 0.2534, 0.2897



42.6430, 0.3532, 0.3127

Complementary

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



42.6430, 0.3328, 0.3858



28.9196, 0.2892, 0.2703

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.



42.6430, 0.3225, 0.2910



42.6430, 0.3328, 0.3858



42.6430, 0.2657, 0.2774

Square

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



42.6430, 0.3328, 0.3858



42.6430, 0.2559, 0.3140



42.6430, 0.2905, 0.2782



42.6430, 0.3731, 0.3390

Rectangle

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



42.6430, 0.3328, 0.3858



42.6430, 0.2811, 0.3547



42.6430, 0.2905, 0.2782



42.6430, 0.3437, 0.3047

Sweetspot

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



42.6449, 0.3328, 0.3858



80.8947, 0.3191, 0.3463



34.4886, 0.3531, 0.3480



17.4524, 0.3197, 0.3478



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.



42.6449, 0.3328, 0.3858



76.2054, 0.3374, 0.4002



40.7075, 0.3156, 0.3889



9.7552, 0.3211, 0.3519



25.4664, 0.3600, 0.5524



0.8323, 0.3770, 0.5388

Inverse Universe

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



28.9196, 0.2892, 0.2703



46.5866, 0.2825, 0.2549



30.9742, 0.3085, 0.2736



8.3697, 0.3038, 0.3058



3.0690, 0.1781, 0.0755



0.1298, 0.2119, 0.0941

Previews

White Background



This preview shows how the Yxy color 42.6430, 0.3328, 0.3858 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 42.6430, 0.3328, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

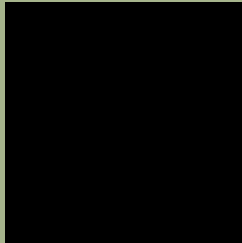
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6430, 0.3328, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 42.6430, 0.3328, 0.3858.



This preview shows how white text looks on a background with the Yxy color 42.6430, 0.3328, 0.3858.

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

42.6430, 0.3328, 0.3858

Protanopia

42.5173, 0.3557, 0.3790

Deuteranopia

42.5450, 0.3678, 0.3612



Tritanopia

42.7442, 0.3014, 0.3116

Trichromacy



Original Color

42.6430, 0.3328, 0.3858

Protanomaly

42.4694, 0.3475, 0.3813

Deuteranomaly

42.2769, 0.3547, 0.3692

Tritanomaly

42.4990, 0.3123, 0.3372

Monochromacy



Original Color

42.6430, 0.3328, 0.3858

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2452, 0.3199, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6430, 0.3328, 0.3858 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(166, 180, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 140)  
}
```

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(166, 180, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 140) }
```

Border

The CSS property to change the border of an element to Yxy 42.6430, 0.3328, 0.3858 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(166, 180, 140) }
```

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

```
.border{ border-color:rgb(166, 180, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6430, 0.3328, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 140) }
```

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

```
.background{ background-color: rgb(166,  
180, 140) }
```

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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