

Converting Colors

$Yxy(35.7381, 0.3145, 0.3790)$

Have a look what the booklet for
Yxy(35.7381, 0.3145, 0.3790)
contains.

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Color

Yxy(35.8448, 0.3140, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	8DA989
RGB	141, 169, 137
RGB Percent	55%, 66%, 54%
CMY	0.4470, 0.3373, 0.4628
CMYK	0.17, 0.00, 0.19, 0.34
HSL	112°, 16%, 60%
HSV	112°, 19%, 66%
XYZ	29.6894, 35.8448, 29.0181
YIQ	156.9800, -6.4160, -15.8880

Conversions

Conversions Part 2

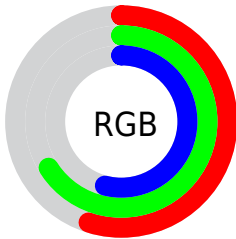
Format	Color
RYB	137, 169, 165
Decimal	9283977
CIELab	66.40, -15.92, 13.36
CIELCh	66, 20.789, 139.994
Yxy	35.8448, 0.3140, 0.3791
Android (android.graphics.Color)	4287474057 (0xFF8DA989)
YUV	156.9800, -9.8501, -14.0145
Hunter-Lab	59.8705, -16.2563, 13.1726

Details

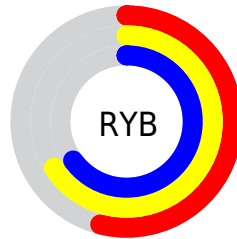
The Yxy color **35.8448, 0.3140, 0.3791** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **28.7512, 0.3106, 0.2825**, and the grayscale version is **33.7565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6311, 0.3143, 0.3690**, and **15.5844, 0.3133, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **34.1885, 0.3143, 0.4098**, and if you desaturate by 10%, it is **37.7530, 0.3134, 0.3513**.

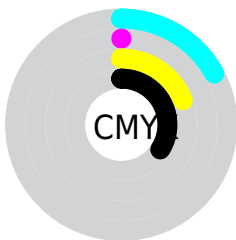
Distribution



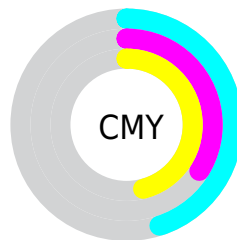
- Red (55%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)





- Cyan (45%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8448, 0.3140, 0.3791 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 35.8448, 0.3140, 0.3791 by changing the saturation by 10% instead.


 35.8448, 0.3140,
0.3791

 35.8448, 0.3140,
0.3791


328.2817, 0.3137,
0.3522

 24.3144, 0.3139,
0.3865


 68.7925, 0.3140,
0.3689

 15.5670, 0.3137,
0.3964


 90.9784, 0.3140,
0.3652

 9.2183, 0.3132,
0.4104


 117.4851, 0.3139,
0.3621

 4.8838, 0.3120,
0.4315

148.6968, 0.3139,
0.3595

 2.1793, 0.3088,
0.4672

184.9979, 0.3138,
0.3573

 0.7086, 0.2867,
0.7133

226.7728, 0.3138,

 0.0000, 0.0000,

0.3554

0.0000

274.4059, 0.3138,
0.3537

■ 35.8448, 0.3140,
0.3791

■ 35.8448, 0.3140,
0.3791

■ 34.1885, 0.3143,
0.4098

■ 37.7530, 0.3134,
0.3513

■ 32.7691, 0.3143,
0.4428

■ 39.9182, 0.3126,
0.3265

■ 31.5771, 0.3137,
0.4769

■ 42.3511, 0.3117,
0.3048

■ 30.6007, 0.3127,
0.5103

■ 45.0604, 0.3108,
0.2858

■ 29.8267, 0.3110,
0.5410

■ 48.0545, 0.3099,
0.2693

■ 29.2407, 0.3087,
0.5665

■ 51.3413, 0.3089,
0.2550

■ 28.8264, 0.3061,
0.5849

■ 54.9096, 0.3082,
0.2428

■ 28.5600, 0.3037,
0.5962

■ 56.8562, 0.3167,
0.2450

■ 28.5382, 0.3035,
0.5972

Harmonies

Analogous

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



35.8448, 0.3450, 0.3856



35.8448, 0.3140, 0.3791



35.8448, 0.2837, 0.3567

Triad

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



35.8448, 0.3140, 0.3791



35.8448, 0.2595, 0.2815



35.8448, 0.3660, 0.3279

Complementary

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



35.8448, 0.3140, 0.3791



28.7512, 0.3106, 0.2825

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.



35.8448, 0.3409, 0.3032



35.8448, 0.3140, 0.3791



35.8448, 0.2793, 0.2769

Square

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



35.8448, 0.3140, 0.3791



35.8448, 0.2533, 0.2990



35.8448, 0.3089, 0.2849



35.8448, 0.3760, 0.3541

Rectangle

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



35.8448, 0.3140, 0.3791



35.8448, 0.2679, 0.3368



35.8448, 0.3089, 0.2849



35.8448, 0.3590, 0.3192

Sweetspot

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



35.8463, 0.3140, 0.3791



68.6632, 0.3132, 0.3440



37.0551, 0.3416, 0.3693



14.9153, 0.3132, 0.3455



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.8463, 0.3140, 0.3791



62.8162, 0.3142, 0.3925



35.8553, 0.3008, 0.3606



8.4513, 0.3134, 0.3522



21.2828, 0.3039, 0.5969



0.5311, 0.3188, 0.5851

Inverse Universe

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



28.7512, 0.3106, 0.2825



47.5948, 0.3100, 0.2711



28.7681, 0.3269, 0.2994



7.6181, 0.3118, 0.3066



6.8265, 0.2899, 0.1371



0.1790, 0.3009, 0.1431

Previews

White Background



This preview shows how the Yxy color 35.8448, 0.3140, 0.3791 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 35.8448, 0.3140, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

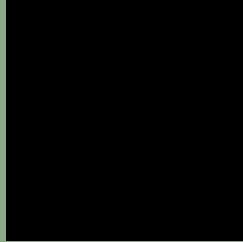
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8448, 0.3140, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 35.8448, 0.3140, 0.3791.



This preview shows how white text looks on a background with the Yxy color 35.8448, 0.3140, 0.3791.

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

35.8448, 0.3140, 0.3791

Protanopia

35.7292, 0.3474, 0.3699

Deuteranopia

35.5265, 0.3568, 0.3500



Tritanopia

36.0211, 0.2876, 0.3099

Trichromacy



Original Color

35.8448, 0.3140, 0.3791

Protanomaly

35.6431, 0.3346, 0.3741

Deuteranomaly

35.3305, 0.3399, 0.3598

Tritanomaly

35.9008, 0.2971, 0.3350

Monochromacy



Original Color

35.8448, 0.3140, 0.3791

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2711, 0.3129, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8448, 0.3140, 0.3791 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, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 137)  
}
```

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, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 35.8448, 0.3140, 0.3791 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, 169, 137) }
```

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

```
.border{ border-color:rgb(141, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8448, 0.3140, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 137) }
```

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

```
.background{ background-color: rgb(141,  
169, 137) }
```

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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