

Converting Colors

$Y_{xy}(35.5578, 0.3353, 0.3797)$

Have a look what the booklet for
Yxy(35.5578, 0.3353, 0.3797)
contains.

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Color

Yxy(35.7171, 0.3351, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	9DA583
RGB	157, 165, 131
RGB Percent	62%, 65%, 51%
CMY	0.3841, 0.3530, 0.4862
CMYK	0.05, 0.00, 0.21, 0.35
HSL	74°, 16%, 58%
HSV	74°, 21%, 65%
XYZ	31.4637, 35.7171, 26.7127
YIQ	158.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

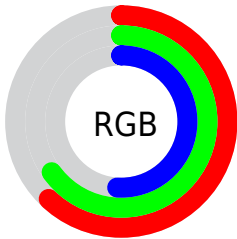
Format	Color
RYB	131, 165, 139
Decimal	10331523
CIELab	66.30, -8.87, 16.70
CIELCh	66, 18.910, 117.986
Yxy	35.7171, 0.3351, 0.3804
Android (android.graphics.Color)	4288521603 (0xFF9DA583)
YUV	158.7320, -13.6719, -1.5190
Hunter-Lab	59.7638, -10.6121, 15.3337

Details

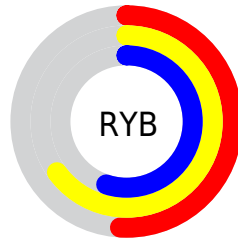
The Yxy color **35.7171, 0.3351, 0.3804** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.4378, 0.2872, 0.2747**, and the grayscale version is **34.6078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6441, 0.3312, 0.3702**, and **15.4076, 0.3416, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **34.9242, 0.3458, 0.4067**, and if you desaturate by 10%, it is **36.5967, 0.3242, 0.3548**.

Distribution



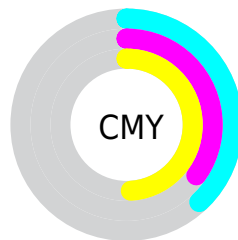
- Red (62%)
- Green (65%)
- Blue (51%)



- Red (51%)
- Yellow (65%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (35%)





- Cyan (38%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7171, 0.3351, 0.3804 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 35.7171, 0.3351, 0.3804 by changing the saturation by 10% instead.


 35.7171, 0.3351,
0.3804


 35.7171, 0.3351,
0.3804


327.7223, 0.3237,
0.3531


 24.2158, 0.3380,
0.3878


 68.5952, 0.3309,
0.3701

 15.4938, 0.3417,
0.3976


 90.7408, 0.3294,
0.3663

 9.1667, 0.3465,
0.4112


 117.2032, 0.3281,
0.3632

 4.8500, 0.3531,
0.4315

148.3669, 0.3269,
0.3605

 2.1595, 0.3629,
0.4652

184.6163, 0.3260,
0.3583

 0.6978, 0.3903,
0.6097

226.3357, 0.3251,

 0.0000, 0.0000,

0.3563

0.0000

273.9096, 0.3244,
0.3546

■ 35.7171, 0.3351,
0.3804

■ 35.7171, 0.3351,
0.3804

■ 34.9242, 0.3458,
0.4067

■ 36.5967, 0.3242,
0.3548

■ 34.2097, 0.3559,
0.4330

■ 37.5615, 0.3133,
0.3304

■ 33.5715, 0.3648,
0.4583

■ 38.6160, 0.3029,
0.3076

■ 33.0055, 0.3720,
0.4816

■ 39.7634, 0.2929,
0.2865

■ 32.5071, 0.3772,
0.5018

■ 41.0061, 0.2836,
0.2673

■ 32.0713, 0.3800,
0.5180

■ 42.3470, 0.2749,
0.2498

■ 31.6919, 0.3803,
0.5296

■ 43.7886, 0.2669,
0.2340

■ 31.3739, 0.3789,
0.5374

■ 44.8068, 0.2644,
0.2268

■ 45.3030, 0.2672,
0.2276

Harmonies

Analogous

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



35.7171, 0.3587, 0.3752



35.7171, 0.3351, 0.3804



35.7171, 0.3063, 0.3702

Triad

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



35.7171, 0.3351, 0.3804



35.7171, 0.2585, 0.2964



35.7171, 0.3455, 0.3111

Complementary

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



35.7171, 0.3351, 0.3804



24.4378, 0.2872, 0.2747

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.



35.7171, 0.3172, 0.2923



35.7171, 0.3351, 0.3804



35.7171, 0.2678, 0.2833

Square

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



35.7171, 0.3351, 0.3804



35.7171, 0.2629, 0.3196



35.7171, 0.2888, 0.2822



35.7171, 0.3651, 0.3347

Rectangle

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



35.7171, 0.3351, 0.3804



35.7171, 0.2880, 0.3559



35.7171, 0.2888, 0.2822



35.7171, 0.3366, 0.3040

Sweetspot

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



35.7187, 0.3351, 0.3804



66.3056, 0.3193, 0.3437



28.0856, 0.3504, 0.3413



14.4730, 0.3199, 0.3452



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



35.7187, 0.3351, 0.3804



63.2671, 0.3404, 0.3932



34.1278, 0.3186, 0.3831



8.1534, 0.3227, 0.3514



23.7611, 0.3793, 0.5371



0.5186, 0.3947, 0.5248

Inverse Universe

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



24.4378, 0.2872, 0.2747



39.1366, 0.2802, 0.2603



26.0134, 0.3052, 0.2775



6.9362, 0.3021, 0.3060



2.3950, 0.1643, 0.0679



0.0701, 0.1999, 0.0875

Previews

White Background



This preview shows how the Yxy color 35.7171, 0.3351, 0.3804 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 35.7171, 0.3351, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

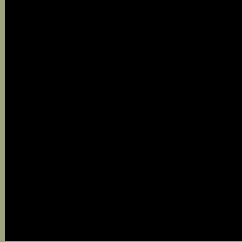
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7171, 0.3351, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 35.7171, 0.3351, 0.3804.



This preview shows how white text looks on a background with the Yxy color 35.7171, 0.3351, 0.3804.

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

35.7171, 0.3351, 0.3804

Protanopia

35.7326, 0.3522, 0.3756

Deuteranopia

35.5752, 0.3660, 0.3596



Tritanopia

35.5614, 0.3051, 0.3104

Trichromacy



Original Color

35.7171, 0.3351, 0.3804

Protanomaly

35.5594, 0.3458, 0.3763

Deuteranomaly

35.5762, 0.3541, 0.3679

Tritanomaly

35.5011, 0.3163, 0.3349

Monochromacy



Original Color

35.7171, 0.3351, 0.3804

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9288, 0.3205, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7171, 0.3351, 0.3804 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(157, 165, 131)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 131)  
}
```

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(157, 165, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 131) }
```

Border

The CSS property to change the border of an element to Yxy 35.7171, 0.3351, 0.3804 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(157, 165, 131) }
```

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

```
.border{ border-color:rgb(157, 165, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 165, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 165, 131); box-shadow:4px 4px 4px 4px rgb(157, 165, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7171, 0.3351, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 131) }
```

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

```
.background{ background-color: rgb(157,  
165, 131) }
```

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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