

Converting Colors

$Yxy(35.2263, 0.3177, 0.3791)$

Have a look what the booklet for
Yxy(35.2263, 0.3177, 0.3791)
contains.

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Color

Yxy(35.2263, 0.3177, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	8FA787
RGB	143, 167, 135
RGB Percent	56%, 65%, 53%
CMY	0.4392, 0.3451, 0.4705
CMYK	0.14, 0.00, 0.19, 0.35
HSL	105°, 15%, 59%
HSV	105°, 19%, 65%
XYZ	29.5210, 35.2263, 28.1736
YIQ	156.1760, -4.0320, -15.0400

Conversions

Conversions Part 2

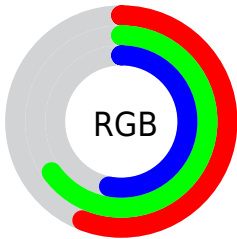
Format	Color
RYB	135, 167, 159
Decimal	9414535
CIELab	65.92, -14.51, 13.80
CIELCh	66, 20.029, 136.433
Yxy	35.2263, 0.3177, 0.3791
Android (android.graphics.Color)	4287604615 (0xFF8FA787)
YUV	156.1760, -10.4398, -11.5554
Hunter-Lab	59.3517, -15.0815, 13.4019

Details

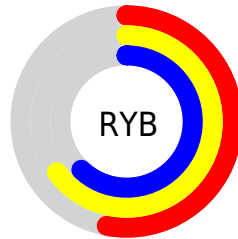
The Yxy color **35.2263, 0.3177, 0.3791** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **27.4983, 0.3064, 0.2814**, and the grayscale version is **33.3787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7437, 0.3172, 0.3691**, and **15.1927, 0.3184, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **33.7367, 0.3199, 0.4090**, and if you desaturate by 10%, it is **36.9177, 0.3152, 0.3517**.

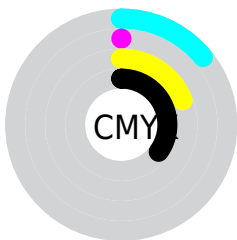
Distribution



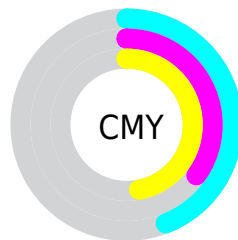
- Red (56%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (62%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)





- Cyan (44%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2263, 0.3177, 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 35.2263, 0.3177, 0.3791 by changing the saturation by 10% instead.


 35.2263, 0.3177,
0.3791

 35.2263, 0.3177,
0.3791


325.5661, 0.3155,
0.3522


 23.8372, 0.3181,
0.3865


 67.8362, 0.3170,
0.3688

 15.2129, 0.3186,
0.3964


 89.8258, 0.3167,
0.3651

 8.9690, 0.3191,
0.4105


 116.1178, 0.3164,
0.3621

 4.7209, 0.3193,
0.4318

147.0964, 0.3162,
0.3595

 2.0845, 0.3182,
0.4677

183.1462, 0.3160,
0.3572

 0.6559, 0.2909,
0.7091

224.6515, 0.3158,

 0.0000, 0.0000,

0.3553

0.0000

271.9966, 0.3156,
0.3537

■ 35.2263, 0.3177,
0.3791

■ 35.2263, 0.3177,
0.3791

■ 33.7367, 0.3199,
0.4090

■ 36.9177, 0.3152,
0.3517

■ 32.4368, 0.3215,
0.4408

■ 38.8136, 0.3125,
0.3270

■ 31.3202, 0.3224,
0.4735

■ 40.9221, 0.3097,
0.3050

■ 30.3783, 0.3223,
0.5055

■ 43.2497, 0.3070,
0.2857

■ 29.6017, 0.3210,
0.5349

■ 45.8025, 0.3044,
0.2686

■ 28.9800, 0.3185,
0.5598

■ 48.5865, 0.3019,
0.2537

■ 28.5018, 0.3149,
0.5783

■ 51.6074, 0.2996,
0.2406

■ 28.1489, 0.3108,
0.5907

■ 53.9616, 0.3073,
0.2406

■ 28.1232, 0.3105,
0.5916

■ 56.1181, 0.3167,
0.2431

Harmonies

Analogous

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



35.2263, 0.3472, 0.3835



35.2263, 0.3177, 0.3791



35.2263, 0.2878, 0.3590

Triad

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



35.2263, 0.3177, 0.3791



35.2263, 0.2596, 0.2843



35.2263, 0.3621, 0.3250

Complementary

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



35.2263, 0.3177, 0.3791



27.4983, 0.3064, 0.2814

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.



35.2263, 0.3365, 0.3014



35.2263, 0.3177, 0.3791



35.2263, 0.2775, 0.2783

Square

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



35.2263, 0.3177, 0.3791



35.2263, 0.2553, 0.3027



35.2263, 0.3053, 0.2847



35.2263, 0.3738, 0.3505

Rectangle

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



35.2263, 0.3177, 0.3791



35.2263, 0.2716, 0.3401



35.2263, 0.3053, 0.2847



35.2263, 0.3548, 0.3166

Sweetspot

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



35.2278, 0.3177, 0.3791



67.1082, 0.3144, 0.3439



34.7645, 0.3429, 0.3644



14.9717, 0.3145, 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.



35.2278, 0.3177, 0.3791



61.9067, 0.3187, 0.3916



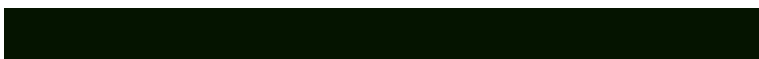
34.7747, 0.3037, 0.3671



8.4948, 0.3152, 0.3521



21.5398, 0.3111, 0.5912



0.5474, 0.3354, 0.5719

Inverse Universe

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



27.4983, 0.3064, 0.2814



45.4784, 0.3047, 0.2702



28.0539, 0.3231, 0.2937



7.5710, 0.3099, 0.3065



5.5148, 0.2596, 0.1204



0.1561, 0.2810, 0.1322

Previews

White Background



This preview shows how the Yxy color 35.2263, 0.3177, 0.3791 looks on a white background.

Color Contrast Check

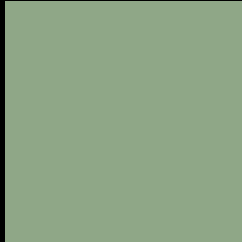
Large Text (above 18pt) WCAG AA × Fail

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 35.2263, 0.3177, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

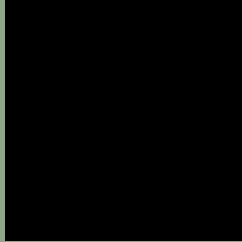
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2263, 0.3177, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 35.2263, 0.3177, 0.3791.



This preview shows how white text looks on a background with the Yxy color 35.2263, 0.3177, 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

35.2263, 0.3177, 0.3791

Protanopia

35.2153, 0.3485, 0.3716

Deuteranopia

35.0135, 0.3581, 0.3515



Tritanopia

35.2862, 0.2907, 0.3113

Trichromacy



Original Color

35.2263, 0.3177, 0.3791

Protanomaly

35.3339, 0.3376, 0.3756

Deuteranomaly

34.9272, 0.3421, 0.3614

Tritanomaly

35.2920, 0.3005, 0.3350

Monochromacy



Original Color

35.2263, 0.3177, 0.3791

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.8590, 0.3147, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2263, 0.3177, 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(143, 167, 135)` looks like.

```
.text, #text, p{  
    color:rgb(143, 167, 135)  
}
```

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(143, 167, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 167, 135) }
```

Border

The CSS property to change the border of an element to Yxy 35.2263, 0.3177, 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(143, 167, 135) }
```

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

```
.border{ border-color:rgb(143, 167, 135) }
```

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

Here you see how a box with a 4 pixel rgb(143, 167, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 167, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 167, 135);  
box-shadow:4px 4px 4px 4px rgb(143, 167,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2263, 0.3177, 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(143, 167, 135) }
```

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

```
.background{ background-color: rgb(143,  
167, 135) }
```

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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