

Converting Colors

$Y_{xy}(35.4132, 0.3123, 0.3761)$

Have a look what the booklet for
Yxy(35.4132, 0.3123, 0.3761)
contains.

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Color

Yxy(35.4157, 0.3123, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	8CA88A
RGB	140, 168, 138
RGB Percent	55%, 66%, 54%
CMY	0.4511, 0.3411, 0.4589
CMYK	0.17, 0.00, 0.18, 0.34
HSL	116°, 15%, 60%
HSV	116°, 18%, 66%
XYZ	29.4001, 35.4157, 29.3248
YIQ	156.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

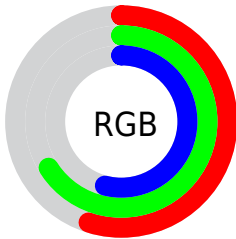
Format	Color
RYB	138, 168, 166
Decimal	9218186
CIELab	66.07, -15.61, 12.34
CIELCh	66, 19.898, 141.658
Yxy	35.4157, 0.3123, 0.3762
Android (android.graphics.Color)	4287408266 (0xFF8CA88A)
YUV	156.2080, -8.9765, -14.2144
Hunter-Lab	59.5111, -15.9605, 12.4419

Details

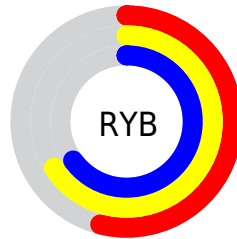
The Yxy color **35.4157, 0.3123, 0.3762** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **29.1105, 0.3127, 0.2854**, and the grayscale version is **33.3843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0063, 0.3130, 0.3668**, and **15.3192, 0.3110, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **33.7007, 0.3118, 0.4070**, and if you desaturate by 10%, it is **37.4034, 0.3126, 0.3485**.

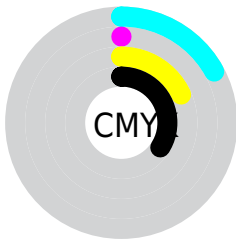
Distribution



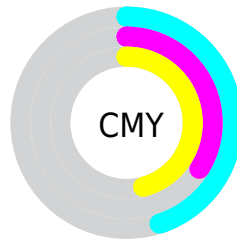
- Red (55%)
- Green (66%)
- Blue (54%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4157, 0.3123, 0.3762 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 35.4157, 0.3123, 0.3762 by changing the saturation by 10% instead.


 35.4157, 0.3123,
0.3762


 35.4157, 0.3123,
0.3762


326.3994, 0.3129,
0.3508

 23.9833, 0.3120,
0.3832


 68.1293, 0.3126,
0.3665

 15.3212, 0.3115,
0.3925


 90.1792, 0.3127,
0.3630

 9.0451, 0.3107,
0.4058


 116.5370, 0.3127,
0.3601

 4.7706, 0.3091,
0.4259

147.5872, 0.3128,
0.3577

 2.1133, 0.3052,
0.4600

183.7142, 0.3128,
0.3556

 0.6721, 0.2773,
0.7227

225.3023, 0.3128,

 0.0000, 0.0000,

0.3538

0.0000

272.7359, 0.3129,
0.3522

■ 35.4157, 0.3123,
0.3762

■ 35.4157, 0.3123,
0.3762

■ 33.7007, 0.3118,
0.4070

■ 37.4034, 0.3126,
0.3485

■ 32.2422, 0.3110,
0.4402

■ 39.6702, 0.3127,
0.3241

■ 31.0292, 0.3099,
0.4749

■ 42.2280, 0.3127,
0.3027

■ 30.0482, 0.3085,
0.5091

■ 45.0865, 0.3127,
0.2842

■ 29.2845, 0.3069,
0.5406

■ 48.2550, 0.3125,
0.2682

■ 28.7213, 0.3051,
0.5668

■ 51.7425, 0.3123,
0.2544

■ 28.3398, 0.3032,
0.5857

■ 55.5194, 0.3125,
0.2430

■ 28.1147, 0.3017,
0.5968

■ 56.4901, 0.3167,
0.2441

■ 28.0819, 0.3016,
0.5987

Harmonies

Analogous

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



35.4157, 0.3422, 0.3835



35.4157, 0.3123, 0.3762



35.4157, 0.2834, 0.3541

Triad

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



35.4157, 0.3123, 0.3762



35.4157, 0.2622, 0.2827



35.4157, 0.3648, 0.3294

Complementary

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



35.4157, 0.3123, 0.3762



29.1105, 0.3127, 0.2854

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.



35.4157, 0.3414, 0.3053



35.4157, 0.3123, 0.3762



35.4157, 0.2820, 0.2790

Square

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



35.4157, 0.3123, 0.3762



35.4157, 0.2555, 0.2990



35.4157, 0.3108, 0.2873



35.4157, 0.3735, 0.3546

Rectangle

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



35.4157, 0.3123, 0.3762



35.4157, 0.2685, 0.3349



35.4157, 0.3108, 0.2873



35.4157, 0.3584, 0.3210

Sweetspot

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



35.4172, 0.3123, 0.3762



68.9542, 0.3127, 0.3414



37.4373, 0.3395, 0.3697



14.9707, 0.3126, 0.3431



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.



35.4172, 0.3123, 0.3762



63.1101, 0.3121, 0.3867



35.6463, 0.2998, 0.3554



8.4305, 0.3126, 0.3522



21.2115, 0.3018, 0.5985



0.5232, 0.3101, 0.5920

Inverse Universe

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



29.1105, 0.3127, 0.2854



49.7508, 0.3126, 0.2767



28.8654, 0.3281, 0.3040



7.6410, 0.3127, 0.3067



7.5498, 0.3047, 0.1452



0.1909, 0.3104, 0.1484

Previews

White Background



This preview shows how the Yxy color 35.4157, 0.3123, 0.3762 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 35.4157, 0.3123, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

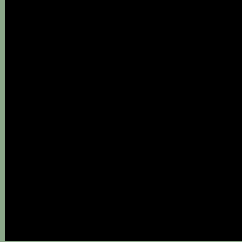
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4157, 0.3123, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 35.4157, 0.3123, 0.3762.



This preview shows how white text looks on a background with the Yxy color 35.4157, 0.3123, 0.3762.

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

35.4157, 0.3123, 0.3762

Protanopia

35.2979, 0.3457, 0.3671

Deuteranopia

35.1016, 0.3551, 0.3473



Tritanopia

35.4400, 0.2866, 0.3098

Trichromacy



Original Color

35.4157, 0.3123, 0.3762

Protanomaly

35.2128, 0.3329, 0.3713

Deuteranomaly

34.9052, 0.3382, 0.3570

Tritanomaly

35.4482, 0.2961, 0.3335

Monochromacy



Original Color

35.4157, 0.3123, 0.3762

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7956, 0.3129, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4157, 0.3123, 0.3762 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(140, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(140, 168, 138)  
}
```

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(140, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 168, 138) }
```

Border

The CSS property to change the border of an element to Yxy 35.4157, 0.3123, 0.3762 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(140, 168, 138) }
```

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

```
.border{ border-color:rgb(140, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(140, 168,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4157, 0.3123, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 168, 138) }
```

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

```
.background{ background-color: rgb(140,  
168, 138) }
```

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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