

Converting Colors

$Y_{xy}(35.1734, 0.3151, 0.3528)$

Have a look what the booklet for
Yxy(35.1734, 0.3151, 0.3528)
contains.

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Color

Yxy(35.3644, 0.3153, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	98A494
RGB	152, 164, 148
RGB Percent	60%, 64%, 58%
CMY	0.4040, 0.3568, 0.4195
CMYK	0.07, 0.00, 0.10, 0.36
HSL	105°, 8%, 61%
HSV	105°, 10%, 64%
XYZ	31.5696, 35.3644, 33.1917
YIQ	158.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

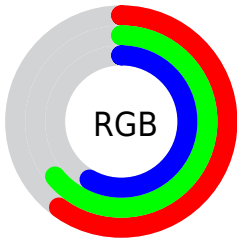
Format	Color
RYB	148, 164, 160
Decimal	10003604
CIELab	66.03, -7.31, 6.83
CIELCh	66, 10.008, 136.958
Yxy	35.3644, 0.3153, 0.3532
Android (android.graphics.Color)	4288193684 (0xFF98A494)
YUV	158.5880, -5.2199, -5.7777
Hunter-Lab	59.4680, -9.3090, 8.5352

Details

The Yxy color **35.3644, 0.3153, 0.3532** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3489, 0.3098, 0.3054**, and the grayscale version is **34.4987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0491, 0.3147, 0.3485**, and **15.2181, 0.3165, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **33.7534, 0.3178, 0.3807**, and if you desaturate by 10%, it is **37.1759, 0.3126, 0.3284**.

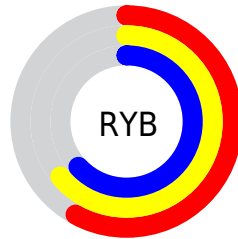
Distribution



Red (60%)

Green (64%)

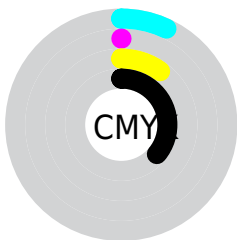
Blue (58%)



Red (58%)

Yellow (64%)

Blue (63%)

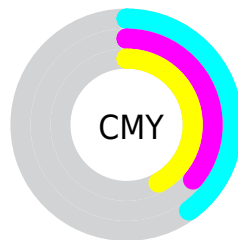


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (40%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3644, 0.3153, 0.3532 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 35.3644, 0.3153, 0.3532 by changing the saturation by 10% instead.


 35.3644, 0.3153,
0.3532


 35.3644, 0.3153,
0.3532


326.1739, 0.3140,
0.3404

 23.9437, 0.3156,
0.3567


 68.0499, 0.3148,
0.3483

 15.2919, 0.3160,
0.3613


 90.0835, 0.3147,
0.3466

 9.0245, 0.3165,
0.3678

116.4235, 0.3145,
0.3451

 4.7572, 0.3171,
0.3775

147.4544, 0.3144,
0.3439

 2.1055, 0.3178,
0.3937

183.5604, 0.3143,
0.3428

 0.6677, 0.3321,
0.4862

225.1261, 0.3142,

 0.0000, 0.0000,

0.3419

0.0000

272.5358, 0.3141,
0.3411

■ 35.3644, 0.3153,
0.3532

■ 35.3644, 0.3153,
0.3532

■ 33.7534, 0.3178,
0.3807

■ 37.1759, 0.3126,
0.3284

■ 32.3315, 0.3199,
0.4107

■ 39.1898, 0.3099,
0.3063

■ 31.0930, 0.3215,
0.4426

■ 41.4139, 0.3073,
0.2868


■ 30.0302, 0.3223,
0.4752


■ 43.8542, 0.3047,
0.2697


■ 29.1346, 0.3221,
0.5072

■ 46.5162, 0.3022,
0.2546

 28.3974, 0.3208,
0.5364


 49.4055, 0.2999,
0.2415

 27.8086, 0.3182,
0.5609

 52.0123, 0.3034,
0.2366

 27.3569, 0.3146,
0.5792

 54.2262, 0.3134,
0.2393

 27.0237, 0.3106,
0.5914

 55.0326, 0.3169,
0.2403

Harmonies

Analogous

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



35.3644, 0.3300, 0.3559



35.3644, 0.3153, 0.3532



35.3644, 0.3002, 0.3435

Triad

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



35.3644, 0.3153, 0.3532



35.3644, 0.2858, 0.3065



35.3644, 0.3373, 0.3276

Complementary

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



35.3644, 0.3153, 0.3532



31.3489, 0.3098, 0.3054

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.



35.3644, 0.3250, 0.3151



35.3644, 0.3153, 0.3532



35.3644, 0.2953, 0.3031

Square

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



35.3644, 0.3153, 0.3532



35.3644, 0.2834, 0.3161



35.3644, 0.3095, 0.3063



35.3644, 0.3430, 0.3407

Rectangle

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



35.3644, 0.3153, 0.3532



35.3644, 0.2919, 0.3345



35.3644, 0.3095, 0.3063



35.3644, 0.3338, 0.3232

Sweetspot

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



35.3659, 0.3153, 0.3532



66.3460, 0.3135, 0.3363



35.1777, 0.3275, 0.3467



14.4475, 0.3137, 0.3382



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.



35.3659, 0.3153, 0.3532



63.4303, 0.3159, 0.3598



35.1193, 0.3081, 0.3472



7.9758, 0.3152, 0.3520



20.7329, 0.3110, 0.5912



0.4563, 0.3368, 0.5708

Inverse Universe

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



31.3489, 0.3098, 0.3054



54.4300, 0.3090, 0.2992



31.6212, 0.3176, 0.3114



7.1135, 0.3100, 0.3066



5.3290, 0.2601, 0.1206



0.1321, 0.2835, 0.1335

Previews

White Background



This preview shows how the Yxy color 35.3644, 0.3153, 0.3532 looks on a white background.

Color Contrast Check

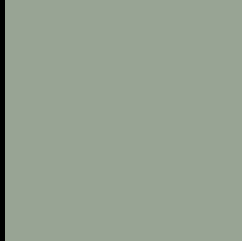
Large Text (above 18pt) WCAG AA × Fail

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 35.3644, 0.3153, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

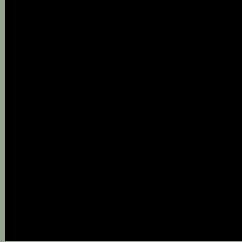
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

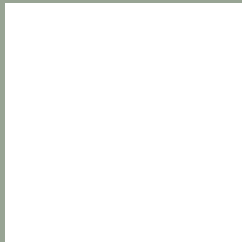
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3644, 0.3153, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 35.3644, 0.3153, 0.3532.



This preview shows how white text looks on a background with the Yxy color 35.3644, 0.3153, 0.3532.

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

35.3644, 0.3153, 0.3532

Protanopia

35.4324, 0.3324, 0.3495

Deuteranopia

35.3480, 0.3428, 0.3361



Tritanopia

35.2267, 0.2977, 0.3101

Trichromacy



Original Color

35.3644, 0.3153, 0.3532

Protanomaly

35.2777, 0.3263, 0.3497

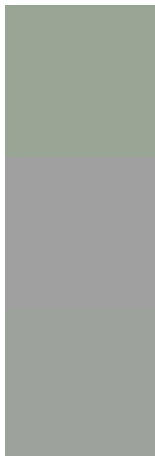
Deuteranomaly

35.1697, 0.3329, 0.3421

Tritanomaly

35.1386, 0.3045, 0.3245

Monochromacy



Original Color

35.3644, 0.3153, 0.3532

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9242, 0.3132, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3644, 0.3153, 0.3532 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(152, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 148)  
}
```

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(152, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 148) }
```

Border

The CSS property to change the border of an element to Yxy 35.3644, 0.3153, 0.3532 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(152, 164, 148) }
```

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

```
.border{ border-color:rgb(152, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3644, 0.3153, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 148) }
```

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

```
.background{ background-color: rgb(152,  
164, 148) }
```

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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