

Converting Colors

Yxy(35.4613, 0.3163, 0.3532)

Have a look what the booklet for
Yxy(35.4613, 0.3163, 0.3532)
contains.

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Color

Yxy(35.4613, 0.3163, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	99A494
RGB	153, 164, 148
RGB Percent	60%, 64%, 58%
CMY	0.4000, 0.3568, 0.4197
CMYK	0.07, 0.00, 0.10, 0.36
HSL	101°, 8%, 61%
HSV	101°, 10%, 64%
XYZ	31.7565, 35.4613, 33.1822
YIQ	158.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

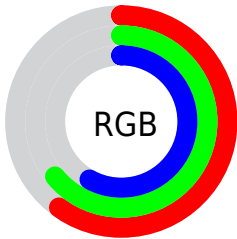
Format	Color
RYB	148, 164, 159
Decimal	10069140
CIELab	66.11, -6.96, 6.97
CIELCh	66, 9.849, 134.927
Yxy	35.4613, 0.3163, 0.3532
Android (android.graphics.Color)	4288259220 (0xFF99A494)
YUV	158.8870, -5.3673, -5.1629
Hunter-Lab	59.5494, -9.0208, 8.6469

Details

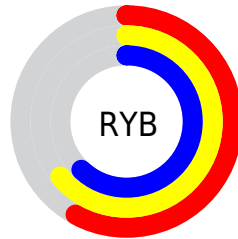
The Yxy color **35.4613, 0.3163, 0.3532** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2267, 0.3088, 0.3052**, and the grayscale version is **34.6424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1927, 0.3154, 0.3484**, and **15.2762, 0.3178, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **33.9345, 0.3198, 0.3805**, and if you desaturate by 10%, it is **37.1683, 0.3126, 0.3285**.

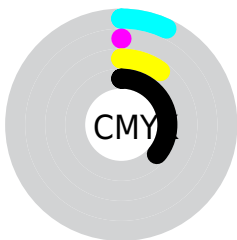
Distribution



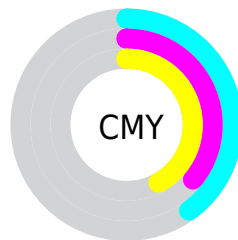
- Red (60%)
- Green (64%)
- Blue (58%)



- Red (58%)
- Yellow (64%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)





- Cyan (40%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4613, 0.3163, 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 35.4613, 0.3163, 0.3532 by changing the saturation by 10% instead.


 35.4613, 0.3163,
0.3532


 35.4613, 0.3163,
0.3532


326.5998, 0.3145,
0.3404

 24.0184, 0.3167,
0.3567


 68.1998, 0.3157,
0.3484

 15.3473, 0.3173,
0.3613


 90.2642, 0.3154,
0.3466

 9.0635, 0.3180,
0.3677


116.6379, 0.3152,
0.3451

 4.7826, 0.3190,
0.3774

147.7053, 0.3150,
0.3439

 2.1203, 0.3204,
0.3935

183.8508, 0.3149,
0.3428

 0.6760, 0.3383,
0.4838

225.4588, 0.3147,

 0.0000, 0.0000,

0.3419

0.0000

272.9137, 0.3146,
0.3411

■ 35.4613, 0.3163,
0.3532

■ 35.4613, 0.3163,
0.3532

■ 33.9345, 0.3198,
0.3805

■ 37.1683, 0.3126,
0.3285

■ 32.5774, 0.3230,
0.4100

■ 39.0566, 0.3089,
0.3063

■ 31.3852, 0.3255,
0.4413


■ 41.1331, 0.3053,
0.2866

■ 30.3513, 0.3272,
0.4731

■ 43.4028, 0.3019,
0.2692

■ 29.4685, 0.3277,
0.5042


■ 45.8709, 0.2986,
0.2539

 28.7290, 0.3267,
0.5326

 48.5420, 0.2955,
0.2404

 28.1242, 0.3243,
0.5566

 50.9087, 0.2982,
0.2351

 27.6445, 0.3205,
0.5747

 52.8541, 0.3073,
0.2377

 27.2727, 0.3159,
0.5872

 54.9227, 0.3164,
0.2402

Harmonies

Analogous

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



35.4613, 0.3306, 0.3554



35.4613, 0.3163, 0.3532



35.4613, 0.3013, 0.3440

Triad

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



35.4613, 0.3163, 0.3532



35.4613, 0.2859, 0.3074



35.4613, 0.3363, 0.3267

Complementary

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



35.4613, 0.3163, 0.3532



31.2267, 0.3088, 0.3052

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.



35.4613, 0.3238, 0.3146



35.4613, 0.3163, 0.3532



35.4613, 0.2947, 0.3035

Square

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



35.4613, 0.3163, 0.3532



35.4613, 0.2840, 0.3172



35.4613, 0.3086, 0.3062



35.4613, 0.3423, 0.3397

Rectangle

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



35.4613, 0.3163, 0.3532



35.4613, 0.2929, 0.3353



35.4613, 0.3086, 0.3062



35.4613, 0.3327, 0.3225

Sweetspot

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



35.4628, 0.3163, 0.3532



66.4074, 0.3138, 0.3363



34.8041, 0.3277, 0.3452



14.4643, 0.3141, 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.



35.4628, 0.3163, 0.3532



63.6549, 0.3172, 0.3597



35.0795, 0.3090, 0.3490



7.9976, 0.3161, 0.3519



20.9268, 0.3164, 0.5869



0.4638, 0.3452, 0.5641

Inverse Universe

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



31.2267, 0.3088, 0.3052



54.1883, 0.3077, 0.2990



31.6446, 0.3166, 0.3098



7.0905, 0.3090, 0.3065



4.7570, 0.2446, 0.1121



0.1233, 0.2736, 0.1281

Previews

White Background



This preview shows how the Yxy color 35.4613, 0.3163, 0.3532 looks on a white background.

Color Contrast Check

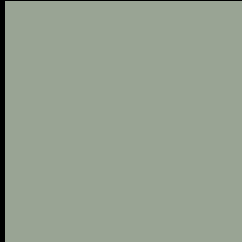
Large Text (above 18pt) WCAG AA × Fail

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 35.4613, 0.3163, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

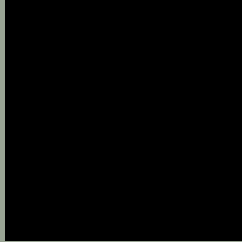
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

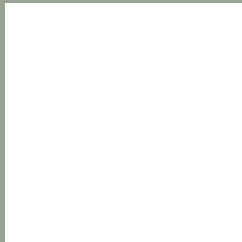
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4613, 0.3163, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 35.4613, 0.3163, 0.3532.



This preview shows how white text looks on a background with the Yxy color 35.4613, 0.3163, 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

35.4613, 0.3163, 0.3532

Protanopia

35.4324, 0.3324, 0.3495

Deuteranopia

35.3480, 0.3428, 0.3361



Tritanopia

35.3268, 0.2987, 0.3101

Trichromacy



Original Color

35.4613, 0.3163, 0.3532

Protanomaly

35.2777, 0.3263, 0.3497

Deuteranomaly

35.1697, 0.3329, 0.3421

Tritanomaly

35.2380, 0.3054, 0.3246

Monochromacy



Original Color

35.4613, 0.3163, 0.3532

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0244, 0.3142, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4613, 0.3163, 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(153, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 164, 148) }
```

Border

The CSS property to change the border of an element to Yxy 35.4613, 0.3163, 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(153, 164, 148) }
```

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

```
.border{ border-color:rgb(153, 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(153, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(153, 164,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4613, 0.3163, 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(153, 164, 148) }
```

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

```
.background{ background-color: rgb(153,  
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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