

Converting Colors

$Yxy(35.1633, 0.3161, 0.3466)$

Have a look what the booklet for
Yxy(35.1633, 0.3161, 0.3466)
contains.

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Color

Yxy(35.0436, 0.3157, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	9BA297
RGB	155, 162, 151
RGB Percent	61%, 64%, 59%
CMY	0.3923, 0.3647, 0.4078
CMYK	0.04, 0.00, 0.07, 0.36
HSL	98°, 6%, 61%
HSV	98°, 7%, 64%
XYZ	32.0210, 35.0436, 34.3640
YIQ	158.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

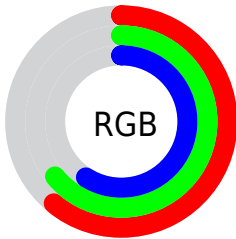
Format	Color
RYB	151, 162, 158
Decimal	10199703
CIELab	65.78, -4.60, 4.84
CIELCh	66, 6.674, 133.567
Yxy	35.0436, 0.3157, 0.3455
Android (android.graphics.Color)	4288389783 (0xFF9BA297)
YUV	158.6530, -3.7729, -3.2037
Hunter-Lab	59.1976, -7.0421, 7.0207

Details

The Yxy color **35.0436, 0.3157, 0.3455** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0252, 0.3095, 0.3127**, and the grayscale version is **34.5215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5888, 0.3150, 0.3427**, and **15.0150, 0.3171, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **33.5712, 0.3200, 0.3719**, and if you desaturate by 10%, it is **36.6796, 0.3113, 0.3216**.

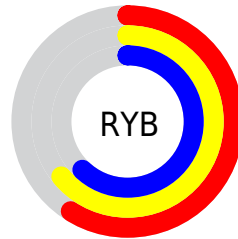
Distribution



Red (61%)

Green (64%)

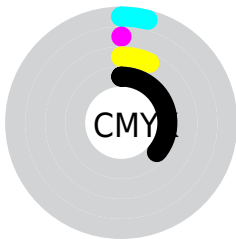
Blue (59%)



Red (59%)

Yellow (64%)

Blue (62%)

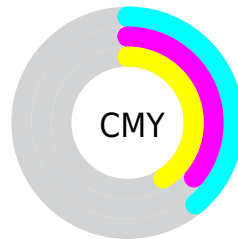


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (39%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0436, 0.3157, 0.3455 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 35.0436, 0.3157, 0.3455 by changing the saturation by 10% instead.


 35.0436, 0.3157,
0.3455


 35.0436, 0.3157,
0.3455


324.7607, 0.3142,
0.3368

 23.6965, 0.3161,
0.3478


 67.5533, 0.3151,
0.3422

 15.1086, 0.3166,
0.3510


 89.4847, 0.3149,
0.3410

 8.8956, 0.3173,
0.3553


115.7129, 0.3148,
0.3400

 4.6732, 0.3183,
0.3619

146.6224, 0.3146,
0.3392

 2.0568, 0.3197,
0.3727

182.5975, 0.3145,
0.3384

 0.6402, 0.3318,
0.4281

224.0227, 0.3144,

 0.0000, 0.0000,

0.3378

0.0000

271.2823, 0.3143,
0.3373

■ 35.0436, 0.3157,
0.3455

■ 35.0436, 0.3157,
0.3455

■ 33.5712, 0.3200,
0.3719

■ 36.6796, 0.3113,
0.3216

■ 32.2529, 0.3240,
0.4005

■ 38.4796, 0.3069,
0.3001

■ 31.0845, 0.3275,
0.4308

■ 40.4499, 0.3027,
0.2810

■ 30.0605, 0.3301,
0.4620

■ 42.5948, 0.2987,
0.2641

■ 29.1746, 0.3316,
0.4928

■ 44.9187, 0.2949,
0.2491

■ 28.4201, 0.3316,
0.5216

■ 47.4258, 0.2914,
0.2359

■ 27.7897, 0.3299,
0.5466

■ 49.4977, 0.2948,
0.2322

■ 27.2751, 0.3265,
0.5662

■ 51.2429, 0.3032,
0.2345

■ 26.8655, 0.3218,
0.5799

■ 53.0918, 0.3116,
0.2369

Harmonies

Analogous

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



35.0436, 0.3253, 0.3468



35.0436, 0.3157, 0.3455



35.0436, 0.3054, 0.3395

Triad

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



35.0436, 0.3157, 0.3455



35.0436, 0.2942, 0.3145



35.0436, 0.3284, 0.3271

Complementary

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



35.0436, 0.3157, 0.3455



32.0252, 0.3095, 0.3127

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.



35.0436, 0.3199, 0.3188



35.0436, 0.3157, 0.3455



35.0436, 0.3001, 0.3116

Square

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



35.0436, 0.3157, 0.3455



35.0436, 0.2931, 0.3215



35.0436, 0.3095, 0.3132



35.0436, 0.3327, 0.3360

Rectangle

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



35.0436, 0.3157, 0.3455



35.0436, 0.2996, 0.3338



35.0436, 0.3095, 0.3132



35.0436, 0.3259, 0.3242

Sweetspot

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



35.0451, 0.3157, 0.3455



64.9838, 0.3136, 0.3338



34.3651, 0.3230, 0.3393



14.6028, 0.3136, 0.3336



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.



35.0451, 0.3157, 0.3455



63.2296, 0.3163, 0.3490



34.7089, 0.3107, 0.3434



8.0131, 0.3168, 0.3518



21.0940, 0.3210, 0.5833



0.4692, 0.3509, 0.5596

Inverse Universe

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



32.0252, 0.3095, 0.3127



56.6996, 0.3089, 0.3093



32.3804, 0.3148, 0.3150



7.0743, 0.3083, 0.3065



4.3887, 0.2339, 0.1062



0.1173, 0.2666, 0.1243

Previews

White Background



This preview shows how the Yxy color 35.0436, 0.3157, 0.3455 looks on a white background.

Color Contrast Check

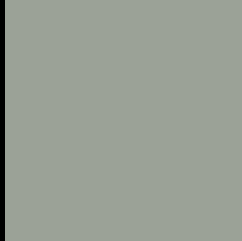
Large Text (above 18pt) WCAG AA × Fail

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 35.0436, 0.3157, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

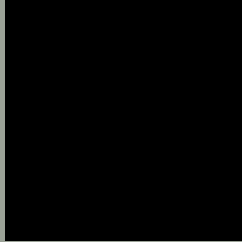
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

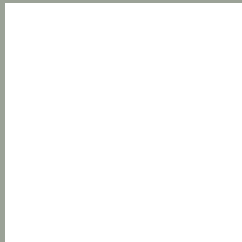
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0436, 0.3157, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 35.0436, 0.3157, 0.3455.



This preview shows how white text looks on a background with the Yxy color 35.0436, 0.3157, 0.3455.

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

35.0436, 0.3157, 0.3455

Protanopia

34.9655, 0.3277, 0.3437

Deuteranopia

34.8761, 0.3380, 0.3305



Tritanopia

35.0439, 0.3004, 0.3101

Trichromacy



Original Color

35.0436, 0.3157, 0.3455

Protanomaly

34.9207, 0.3227, 0.3438

Deuteranomaly

34.9270, 0.3302, 0.3363

Tritanomaly

34.9900, 0.3064, 0.3231

Monochromacy



Original Color

35.0436, 0.3157, 0.3455

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8110, 0.3144, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0436, 0.3157, 0.3455 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(155, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 151)  
}
```

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(155, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 151) }
```

Border

The CSS property to change the border of an element to Yxy 35.0436, 0.3157, 0.3455 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(155, 162, 151) }
```

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

```
.border{ border-color:rgb(155, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 162, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 162, 151); box-shadow:4px 4px 4px 4px rgb(155, 162, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0436, 0.3157, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 151) }
```

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

```
.background{ background-color: rgb(155,  
162, 151) }
```

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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