

Converting Colors

$Yxy(36.0013, 0.3346, 0.3374)$

Have a look what the booklet for
Yxy(36.0013, 0.3346, 0.3374)
contains.

Yxy(35.8676, 0.3342, 0.3361)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.8676, 0.3342, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	AF9E99
RGB	175, 158, 153
RGB Percent	69%, 62%, 60%
CMY	0.3135, 0.3804, 0.4000
CMYK	0.00, 0.10, 0.13, 0.31
HSL	14°, 12%, 64%
HSV	14°, 13%, 69%
XYZ	35.6648, 35.8676, 35.1846
YIQ	162.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

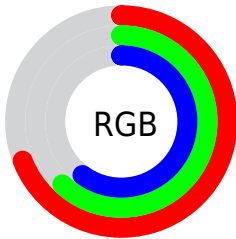
Format	Color
RYB	175, 159, 153
Decimal	11509401
CIELab	66.42, 5.38, 4.86
CIElCh	66, 7.251, 42.050
Yxy	35.8676, 0.3342, 0.3361
Android (android.graphics.Color)	4289699481 (0xFFAF9E99)
YUV	162.5130, -4.6899, 10.9511
Hunter-Lab	59.8896, 1.4918, 7.0903

Details

The Yxy color **35.8676, 0.3342, 0.3361** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6483, 0.2937, 0.3218**, and the grayscale version is **36.4064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0824, 0.3304, 0.3356**, and **15.6123, 0.3405, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **30.9613, 0.3552, 0.3421**, and if you desaturate by 10%, it is **41.3718, 0.3167, 0.3304**.

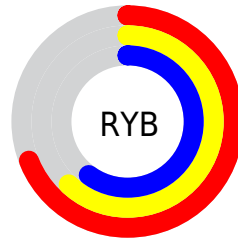
Distribution



Red (69%)

Green (62%)

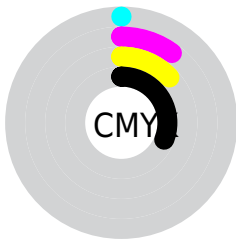
Blue (60%)



Red (69%)

Yellow (62%)

Blue (60%)

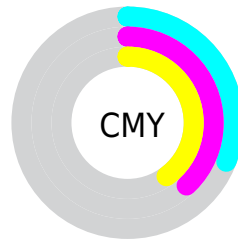


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8676, 0.3342, 0.3361 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 35.8676, 0.3342, 0.3361 by changing the saturation by 10% instead.


 35.8676, 0.3342,
0.3361


 35.8676, 0.3342,
0.3361


328.3815, 0.3229,
0.3325

 24.3320, 0.3372,
0.3370


 68.8277, 0.3300,
0.3348

 15.5801, 0.3412,
0.3382


 91.0209, 0.3284,
0.3343

 9.2275, 0.3466,
0.3398


117.5354, 0.3271,
0.3339

 4.8899, 0.3548,
0.3421

148.7556, 0.3260,
0.3335

 2.1828, 0.3679,
0.3456

185.0659, 0.3251,
0.3332

 0.7106, 0.4134,
0.3641

226.8508, 0.3243,

 0.0000, 0.0000,

0.3329

0.0000

274.4945, 0.3236,
0.3327


 35.8676, 0.3342,
0.3361


 35.8676, 0.3342,
0.3361

 30.9613, 0.3552,
0.3421


 41.3718, 0.3167,
0.3304

 26.6282, 0.3802,
0.3484

 47.4885, 0.3022,
0.3251


 22.8483, 0.4098,
0.3544

 54.2374, 0.2901,
0.3203

 19.5992, 0.4439,
0.3598

 61.6362, 0.2799,
0.3159

 16.8566, 0.4819,
0.3637

 69.7016, 0.2713,
0.3119

■ 14.5942, 0.5219,
0.3652

■ 78.2525, 0.2656,
0.3116

■ 12.7836, 0.5603,
0.3633

■ 86.5020, 0.2674,
0.3266

■ 11.3925, 0.5927,
0.3576

■ 87.8598, 0.2676,
0.3289

■ 10.6051, 0.6121,
0.3522

Harmonies

Analogous

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



35.8676, 0.3293, 0.3265



35.8676, 0.3342, 0.3361



35.8676, 0.3332, 0.3441

Triad

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



35.8676, 0.3342, 0.3361



35.8676, 0.3054, 0.3408



35.8676, 0.2987, 0.3103

Complementary

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



35.8676, 0.3342, 0.3361



38.6483, 0.2937, 0.3218

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.



35.8676, 0.2926, 0.3137



35.8676, 0.3342, 0.3361



35.8676, 0.2964, 0.3313

Square

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



35.8676, 0.3342, 0.3361



35.8676, 0.3165, 0.3470



35.8676, 0.2917, 0.3213



35.8676, 0.3087, 0.3118

Rectangle

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



35.8676, 0.3342, 0.3361



35.8676, 0.3294, 0.3473



35.8676, 0.2917, 0.3213



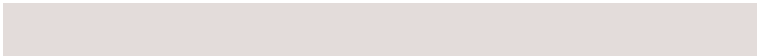
35.8676, 0.2961, 0.3109

Sweetspot

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



35.8692, 0.3342, 0.3361



72.5231, 0.3191, 0.3312



34.8186, 0.3186, 0.3050



15.9507, 0.3203, 0.3316



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.8692, 0.3342, 0.3361



61.7524, 0.3394, 0.3377



39.7240, 0.3323, 0.3511



8.2978, 0.3281, 0.3342



7.6688, 0.6102, 0.3537



0.2940, 0.5537, 0.3986

Inverse Universe

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



38.6483, 0.2937, 0.3218



67.6700, 0.2897, 0.3202



34.7548, 0.2933, 0.3059



8.7608, 0.2986, 0.3238



14.8197, 0.2044, 0.2558



0.4868, 0.2112, 0.2804

Previews

White Background



This preview shows how the Yxy color 35.8676, 0.3342, 0.3361 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 35.8676, 0.3342, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

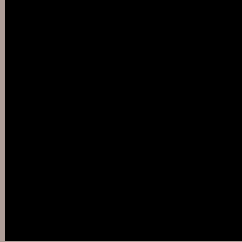
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8676, 0.3342, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 35.8676, 0.3342, 0.3361.



This preview shows how white text looks on a background with the Yxy color 35.8676, 0.3342, 0.3361.

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

35.8676, 0.3342, 0.3361

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

35.7801, 0.3396, 0.3333



Tritanopia

35.9512, 0.3223, 0.3124

Trichromacy



Original Color

35.8676, 0.3342, 0.3361

Protanomaly

35.9097, 0.3269, 0.3377

Deuteranomaly

35.8788, 0.3374, 0.3347

Tritanomaly

35.9884, 0.3259, 0.3207

Monochromacy



Original Color

35.8676, 0.3342, 0.3361

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.2084, 0.3203, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8676, 0.3342, 0.3361 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(175, 158, 153)` looks like.

```
.text, #text, p{  
    color:rgb(175, 158, 153)  
}
```

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(175, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 158, 153) }
```

Border

The CSS property to change the border of an element to Yxy 35.8676, 0.3342, 0.3361 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(175, 158, 153) }
```

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

```
.border{ border-color:rgb(175, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(175, 158,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8676, 0.3342, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 158, 153) }
```

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

```
.background{ background-color: rgb(175,  
158, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor