

Converting Colors

Yxy(36.9712, 0.3153, 0.3902)

Have a look what the booklet for
Yxy(36.9712, 0.3153, 0.3902)
contains.

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Color

Yxy(37.1560, 0.3159, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	8CAD85
RGB	140, 173, 133
RGB Percent	55%, 68%, 52%
CMY	0.4511, 0.3215, 0.4784
CMYK	0.19, 0.00, 0.23, 0.32
HSL	110°, 20%, 60%
HSV	110°, 23%, 68%
XYZ	29.9887, 37.1560, 27.7863
YIQ	158.5730, -6.8280, -19.4360

Conversions

Conversions Part 2

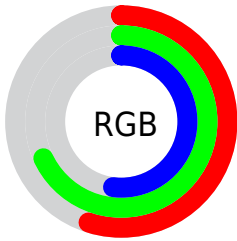
Format	Color
RYB	133, 173, 166
Decimal	9219461
CIELab	67.39, -19.07, 16.92
CIELCh	67, 25.494, 138.407
Yxy	37.1560, 0.3159, 0.3914
Android (android.graphics.Color)	4287409541 (0xFF8CAD85)
YUV	158.5730, -12.6075, -16.2885
Hunter-Lab	60.9557, -18.8549, 15.6420

Details

The Yxy color **37.1560, 0.3159, 0.3914** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.9101, 0.3080, 0.2714**, and the grayscale version is **34.5252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0531, 0.3158, 0.3795**, and **16.4231, 0.3158, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **35.5562, 0.3168, 0.4228**, and if you desaturate by 10%, it is **38.9990, 0.3147, 0.3625**.

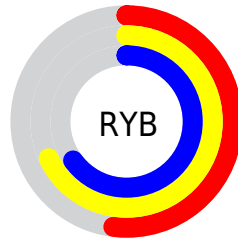
Distribution



Red (55%)

Green (68%)

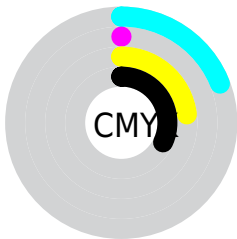
Blue (52%)



Red (52%)

Yellow (68%)

Blue (65%)

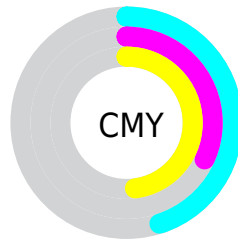


Cyan (19%)

Magenta (0%)

Yellow (23%)

Black (32%)



Cyan (45%)


Magenta (32%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1560, 0.3159, 0.3914 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 37.1560, 0.3159, 0.3914 by changing the saturation by 10% instead.


 37.1560, 0.3159,
0.3914


 37.1560, 0.3159,
0.3914


333.9854, 0.3148,
0.3579


 25.3283, 0.3159,
0.4006


 70.8126, 0.3157,
0.3787

 16.3218, 0.3158,
0.4128


 93.4104, 0.3155,
0.3741

 9.7522, 0.3154,
0.4301


 120.3669, 0.3154,
0.3702

 5.2349, 0.3139,
0.4560

152.0667, 0.3153,
0.3670

 2.3858, 0.3098,
0.4991

188.8940, 0.3151,
0.3642

 0.8186, 0.2763,
0.7237

231.2333, 0.3150,

 0.0000, 0.0000,

0.3619

0.0000

279.4690, 0.3149,
0.3598

■ 37.1560, 0.3159,
0.3914

■ 37.1560, 0.3159,
0.3914

■ 35.5562, 0.3168,
0.4228

■ 38.9990, 0.3147,
0.3625

■ 34.1849, 0.3171,
0.4560

■ 41.0900, 0.3132,
0.3365

■ 33.0329, 0.3168,
0.4896

■ 43.4393, 0.3116,
0.3134

■ 32.0887, 0.3157,
0.5218

■ 46.0556, 0.3100,
0.2932

■ 31.3393, 0.3137,
0.5503

■ 48.9468, 0.3084,
0.2755

■ 30.7708, 0.3110,
0.5729

■ 52.1207, 0.3068,
0.2601

■ 30.3668, 0.3077,
0.5883

■ 55.5847, 0.3053,
0.2467

■ 30.1683, 0.3056,
0.5955

■ 58.2426, 0.3159,
0.2487

■ 58.3713, 0.3165,
0.2488

Harmonies

Analogous

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



37.1560, 0.3532, 0.3977



37.1560, 0.3159, 0.3914



37.1560, 0.2793, 0.3647

Triad

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



37.1560, 0.3159, 0.3914



37.1560, 0.2480, 0.2724



37.1560, 0.3762, 0.3256

Complementary

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



37.1560, 0.3159, 0.3914



27.9101, 0.3080, 0.2714

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.



37.1560, 0.3448, 0.2966



37.1560, 0.3159, 0.3914



37.1560, 0.2707, 0.2665

Square

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



37.1560, 0.3159, 0.3914



37.1560, 0.2416, 0.2937



37.1560, 0.3057, 0.2755



37.1560, 0.3895, 0.3569

Rectangle

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



37.1560, 0.3159, 0.3914



37.1560, 0.2599, 0.3402



37.1560, 0.3057, 0.2755



37.1560, 0.3673, 0.3153

Sweetspot

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



37.1576, 0.3159, 0.3914



72.0261, 0.3138, 0.3466



37.7349, 0.3490, 0.3758



15.6065, 0.3139, 0.3480



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.1576, 0.3159, 0.3914



64.9458, 0.3164, 0.4080



36.9444, 0.2998, 0.3718



9.0038, 0.3141, 0.3522



22.1781, 0.3061, 0.5951



0.6365, 0.3242, 0.5808

Inverse Universe

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



27.9101, 0.3080, 0.2714



45.3104, 0.3065, 0.2575



28.2147, 0.3286, 0.2897



8.0766, 0.3111, 0.3065



6.5243, 0.2780, 0.1305



0.1997, 0.2918, 0.1381

Previews

White Background



This preview shows how the Yxy color 37.1560, 0.3159, 0.3914 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 37.1560, 0.3159, 0.3914 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 37.1560, 0.3159, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 37.1560, 0.3159, 0.3914.



This preview shows how white text looks on a background with the Yxy color 37.1560, 0.3159, 0.3914.

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

37.1560, 0.3159, 0.3914

Protanopia

36.7780, 0.3546, 0.3778

Deuteranopia

36.7103, 0.3654, 0.3578



Tritanopia

37.2286, 0.2854, 0.3101

Trichromacy



Original Color

37.1560, 0.3159, 0.3914

Protanomaly

36.9305, 0.3404, 0.3839

Deuteranomaly

36.6016, 0.3459, 0.3695

Tritanomaly

37.0400, 0.2963, 0.3379

Monochromacy



Original Color

37.1560, 0.3159, 0.3914

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.4283, 0.3136, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1560, 0.3159, 0.3914 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, 173, 133)` looks like.

```
.text, #text, p{  
    color:rgb(140, 173, 133)  
}
```

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, 173, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 173, 133) }
```

Border

The CSS property to change the border of an element to Yxy 37.1560, 0.3159, 0.3914 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, 173, 133) }
```

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

```
.border{ border-color:rgb(140, 173, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 173, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 173, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 173, 133);  
box-shadow:4px 4px 4px 4px rgb(140, 173,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1560, 0.3159, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 173, 133) }
```

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

```
.background{ background-color: rgb(140,  
173, 133) }
```

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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