

Converting Colors

$Yxy(33.9942, 0.3075, 0.3351)$

Have a look what the booklet for
Yxy(33.9942, 0.3075, 0.3351)
contains.

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Color

Yxy(34.1212, 0.3077, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	97A09C
RGB	151, 160, 156
RGB Percent	59%, 63%, 61%
CMY	0.4077, 0.3726, 0.3882
CMYK	0.06, 0.00, 0.02, 0.37
HSL	153°, 4%, 61%
HSV	153°, 6%, 63%
XYZ	31.3406, 34.1212, 36.3926
YIQ	156.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

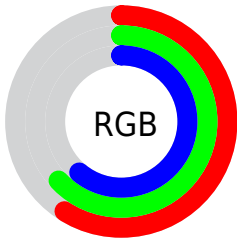
Format	Color
RYB	151, 157, 160
Decimal	9937052
CIELab	65.06, -3.96, 0.96
CIELCh	65, 4.076, 166.390
Yxy	34.1212, 0.3077, 0.3350
Android (android.graphics.Color)	4288127132 (0xFF97A09C)
YUV	156.8530, -0.4205, -5.1331
Hunter-Lab	58.4134, -6.4526, 3.9506

Details

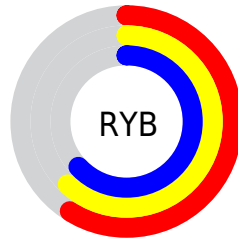
The Yxy color **34.1212, 0.3077, 0.3350** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9866, 0.3180, 0.3231**, and the grayscale version is **33.6544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2332, 0.3088, 0.3347**, and **14.6665, 0.3056, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **32.4599, 0.2989, 0.3467**, and if you desaturate by 10%, it is **36.0073, 0.3167, 0.3245**.

Distribution



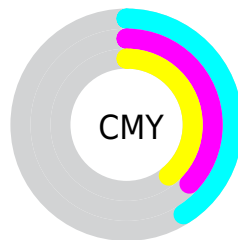
- Red (59%)
- Green (63%)
- Blue (61%)



- Red (59%)
- Yellow (62%)
- Blue (63%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (41%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1212, 0.3077, 0.3350 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 34.1212, 0.3077, 0.3350 by changing the saturation by 10% instead.

■ 34.1212, 0.3077,
0.3350

■ 34.1212, 0.3077,
0.3350

■ 320.6721, 0.3104,
0.3318

■ 22.9867, 0.3070,
0.3358

■ 66.1221, 0.3087,
0.3338

■ 14.5837, 0.3060,
0.3370

■ 87.7573, 0.3091,
0.3334

■ 8.5277, 0.3047,
0.3386

■ 113.6616, 0.3094,
0.3330

■ 4.4345, 0.3028,
0.3409

■ 144.2192, 0.3096,
0.3327

■ 1.9194, 0.2995,
0.3448

■ 179.8147, 0.3098,
0.3324

■ 0.5600, 0.2832,
0.3640

■ 220.8325, 0.3100,

■ 0.0000, 0.0000,

0.3322

0.0000

267.6568, 0.3102,
0.3320

■ 34.1212, 0.3077,
0.3350

■ 34.1212, 0.3077,
0.3350

■ 32.4599, 0.2989,
0.3467

■ 36.0073, 0.3167,
0.3245

■ 31.0104, 0.2905,
0.3596

■ 38.1219, 0.3257,
0.3152

■ 29.7652, 0.2827,
0.3737

■ 40.4741, 0.3345,
0.3070

■ 28.7143, 0.2759,
0.3889

■ 43.0712, 0.3431,
0.2998

■ 27.8473, 0.2704,
0.4051

■ 45.9201, 0.3514,
0.2934

■ 27.1524, 0.2664,
0.4218

■ 49.0277, 0.3594,
0.2879

■ 26.6165, 0.2642,
0.4390

■ 50.8442, 0.3599,
0.2818

■ 26.2247, 0.2640,
0.4560

■ 51.1972, 0.3532,
0.2748

■ 25.9572, 0.2657,
0.4726

■ 51.5659, 0.3467,
0.2680

Harmonies

Analogous

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



34.1212, 0.3140, 0.3389



34.1212, 0.3077, 0.3350



34.1212, 0.3028, 0.3295

Triad

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



34.1212, 0.3077, 0.3350



34.1212, 0.3054, 0.3182



34.1212, 0.3251, 0.3339

Complementary

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



34.1212, 0.3077, 0.3350



31.9866, 0.3180, 0.3231

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.



34.1212, 0.3227, 0.3284



34.1212, 0.3077, 0.3350



34.1212, 0.3114, 0.3194

Square

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



34.1212, 0.3077, 0.3350



34.1212, 0.3015, 0.3198



34.1212, 0.3177, 0.3231



34.1212, 0.3241, 0.3382

Rectangle

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



34.1212, 0.3077, 0.3350



34.1212, 0.3009, 0.3257



34.1212, 0.3177, 0.3231



34.1212, 0.3247, 0.3321

Sweetspot

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



34.1227, 0.3077, 0.3350



63.1343, 0.3109, 0.3311



34.3497, 0.3160, 0.3425



13.8552, 0.3110, 0.3310



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



34.1227, 0.3077, 0.3350



61.4732, 0.3063, 0.3367



34.1048, 0.3043, 0.3283



7.5301, 0.3061, 0.3370



20.1544, 0.2662, 0.4784



0.3688, 0.2479, 0.4125

Inverse Universe

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



31.9866, 0.3180, 0.3231



56.5754, 0.3196, 0.3214



31.9995, 0.3218, 0.3297



6.9089, 0.3199, 0.3211



6.1858, 0.5147, 0.2609



0.1190, 0.4242, 0.2111

Previews

White Background



This preview shows how the Yxy color 34.1212, 0.3077, 0.3350 looks on a white background.

Color Contrast Check

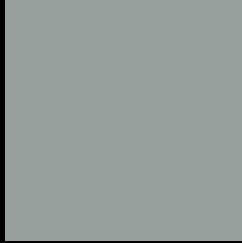
Large Text (above 18pt) WCAG AA × Fail

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 34.1212, 0.3077, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

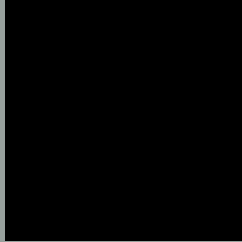
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

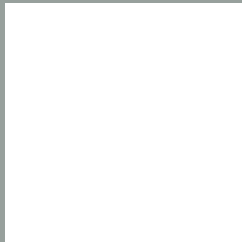
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1212, 0.3077, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 34.1212, 0.3077, 0.3350.



This preview shows how white text looks on a background with the Yxy color 34.1212, 0.3077, 0.3350.

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

34.1212, 0.3077, 0.3350

Protanopia

34.0241, 0.3194, 0.3335

Deuteranopia

34.1010, 0.3291, 0.3233



Tritanopia

34.1283, 0.2975, 0.3113

Trichromacy



Original Color

34.1212, 0.3077, 0.3350

Protanomaly

33.9884, 0.3144, 0.3335

Deuteranomaly

34.2106, 0.3207, 0.3276

Tritanomaly

34.1883, 0.3008, 0.3200

Monochromacy



Original Color

34.1212, 0.3077, 0.3350

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8566, 0.3107, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1212, 0.3077, 0.3350 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(151, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 156)  
}
```

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(151, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 156) }
```

Border

The CSS property to change the border of an element to Yxy 34.1212, 0.3077, 0.3350 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(151, 160, 156) }
```

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

```
.border{ border-color:rgb(151, 160, 156) }
```

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

Here you see how a box with a 4 pixel rgb(151, 160, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1212, 0.3077, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 156) }
```

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

```
.background{ background-color: rgb(151,  
160, 156) }
```

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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