

Converting Colors

$Y_{xy}(34.0472, 0.3056, 0.3158)$

Have a look what the booklet for
Yxy(34.0472, 0.3056, 0.3158)
contains.

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Color

Yxy(34.1362, 0.3056, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	9E9DA6
RGB	158, 157, 166
RGB Percent	62%, 62%, 65%
CMY	0.3806, 0.3842, 0.3490
CMYK	0.05, 0.05, 0.00, 0.35
HSL	246°, 5%, 63%
HSV	246°, 5%, 65%
XYZ	33.0336, 34.1362, 40.9245
YIQ	158.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

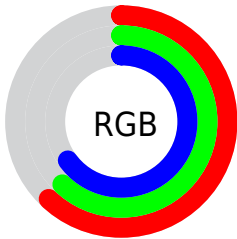
Format	Color
RYB	158, 157, 166
Decimal	10395046
CIELab	65.07, 2.10, -4.56
CIELCh	65, 5.018, 294.727
Yxy	34.1362, 0.3056, 0.3158
Android (android.graphics.Color)	4288585126 (0xFF9E9DA6)
YUV	158.3250, 3.7838, -0.2850
Hunter-Lab	58.4262, -1.3236, -0.6312

Details

The Yxy color **34.1362, 0.3056, 0.3158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7142, 0.3196, 0.3419**, and the grayscale version is **34.3285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4536, 0.3073, 0.3190**, and **14.6488, 0.3039, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **27.4789, 0.2910, 0.2890**, and if you desaturate by 10%, it is **41.7421, 0.3183, 0.3395**.

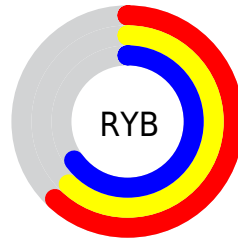
Distribution



Red (62%)

Green (62%)

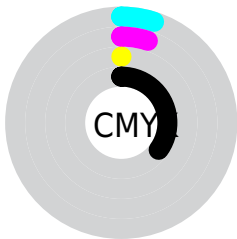
Blue (65%)



Red (62%)

Yellow (62%)

Blue (65%)

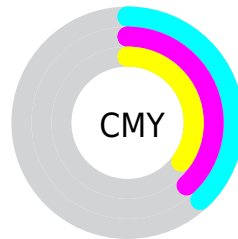


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1362, 0.3056, 0.3158 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 34.1362, 0.3056, 0.3158 by changing the saturation by 10% instead.

■ 34.1362, 0.3056,
0.3158

■ 34.1362, 0.3056,
0.3158

■ 320.7389, 0.3094,
0.3227

■ 22.9983, 0.3046,
0.3140

■ 66.1454, 0.3070,
0.3184

■ 14.5922, 0.3033,
0.3115

■ 87.7855, 0.3075,
0.3193

■ 8.5337, 0.3014,
0.3082

■ 113.6950, 0.3080,
0.3201

■ 4.4383, 0.2986,
0.3033

■ 144.2585, 0.3083,
0.3208

■ 1.9216, 0.2940,
0.2953

■ 179.8602, 0.3086,
0.3214

■ 0.5613, 0.2817,
0.2704

■ 220.8846, 0.3089,

■ 0.0000, 0.0000,

0.3219

0.0000

267.7160, 0.3091,
0.3223

■ 34.1362, 0.3056,
0.3158

■ 34.1362, 0.3056,
0.3158

■ 27.4789, 0.2910,
0.2890

■ 41.7421, 0.3183,
0.3395

■ 21.7287, 0.2745,
0.2593

■ 50.3272, 0.3293,
0.3602

■ 16.8477, 0.2563,
0.2271

■ 59.9261, 0.3388,
0.3783

■ 12.7933, 0.2369,
0.1933

■ 70.5705, 0.3468,
0.3940

■ 9.5198, 0.2170,
0.1594

■ 82.2907, 0.3537,
0.4076

■ 6.9765, 0.1977,
0.1277

■ 94.0786, 0.3601,
0.4179

■ 5.1071, 0.1805,
0.1004

■ 95.5332, 0.3655,
0.4162

■ 3.8468, 0.1667,
0.0797

■ 3.1143, 0.1571,
0.0666

Harmonies

Analogous

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



34.1362, 0.2999, 0.3168



34.1362, 0.3056, 0.3158



34.1362, 0.3132, 0.3182

Triad

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



34.1362, 0.3056, 0.3158



34.1362, 0.3280, 0.3367



34.1362, 0.3046, 0.3346

Complementary

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



34.1362, 0.3056, 0.3158



37.7142, 0.3196, 0.3419

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.



34.1362, 0.3121, 0.3401



34.1362, 0.3056, 0.3158



34.1362, 0.3256, 0.3412

Square

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



34.1362, 0.3056, 0.3158



34.1362, 0.3263, 0.3302



34.1362, 0.3198, 0.3426



34.1362, 0.2994, 0.3276

Rectangle

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



34.1362, 0.3056, 0.3158



34.1362, 0.3184, 0.3215



34.1362, 0.3198, 0.3426



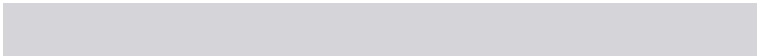
34.1362, 0.3069, 0.3367

Sweetspot

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



34.1377, 0.3056, 0.3158



66.4177, 0.3101, 0.3241



36.8706, 0.3045, 0.3277



14.8976, 0.3102, 0.3244



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.1377, 0.3056, 0.3158



61.0548, 0.3046, 0.3140



34.5974, 0.3099, 0.3160



7.7850, 0.3041, 0.3130



2.2401, 0.1544, 0.0624



0.0657, 0.1725, 0.0724

Inverse Universe

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



34.9461, 0.3142, 0.3175



62.7046, 0.3144, 0.3159



37.2447, 0.3154, 0.3421



8.0103, 0.3145, 0.3151



7.9657, 0.3485, 0.1694



0.1975, 0.3383, 0.1637

Previews

White Background



This preview shows how the Yxy color 34.1362, 0.3056, 0.3158 looks on a white background.

Color Contrast Check

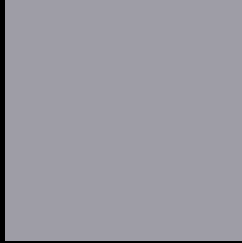
Large Text (above 18pt) WCAG AA × Fail

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 34.1362, 0.3056, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

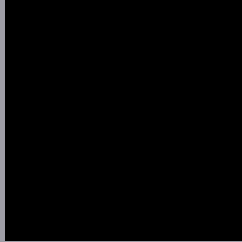
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

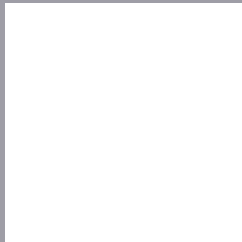
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1362, 0.3056, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 34.1362, 0.3056, 0.3158.



This preview shows how white text looks on a background with the Yxy color 34.1362, 0.3056, 0.3158.

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

34.1362, 0.3056, 0.3158

Protanopia

34.1362, 0.3056, 0.3158

Deuteranopia

34.0075, 0.3156, 0.3091



Tritanopia

34.2476, 0.3030, 0.3115

Trichromacy



Original Color

34.1362, 0.3056, 0.3158

Protanomaly

34.1362, 0.3056, 0.3158

Deuteranomaly

33.9006, 0.3116, 0.3103

Tritanomaly

34.2102, 0.3039, 0.3129

Monochromacy



Original Color

34.1362, 0.3056, 0.3158

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2960, 0.3100, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1362, 0.3056, 0.3158 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(158, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 166)  
}
```

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(158, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 166) }
```

Border

The CSS property to change the border of an element to Yxy 34.1362, 0.3056, 0.3158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

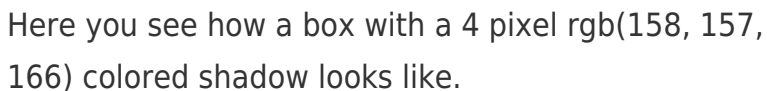
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 157, 166) }
```

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

```
.border{ border-color:rgb(158, 157, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1362, 0.3056, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 166) }
```

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

```
.background{ background-color: rgb(158,  
157, 166) }
```

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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