

Converting Colors

$Y_{xy}(30.0931, 0.3107, 0.3050)$

Have a look what the booklet for
Yxy(30.0931, 0.3107, 0.3050)
contains.

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Color

Yxy(30.0931, 0.3107, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	9E91A1
RGB	158, 145, 161
RGB Percent	62%, 57%, 63%
CMY	0.3805, 0.4313, 0.3686
CMYK	0.02, 0.10, 0.00, 0.37
HSL	289°, 8%, 60%
HSV	289°, 10%, 63%
XYZ	30.6555, 30.0931, 37.9173
YIQ	150.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

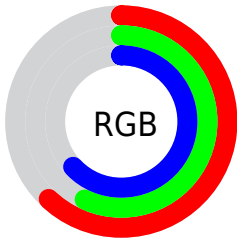
Format	Color
RYB	158, 145, 161
Decimal	10391969
CIELab	61.73, 7.83, -6.68
CIELCh	62, 10.296, 319.520
Yxy	30.0931, 0.3107, 0.3050
Android (android.graphics.Color)	4288582049 (0xFF9E91A1)
YUV	150.7110, 5.0725, 6.3925
Hunter-Lab	54.8572, 3.7500, -2.5812

Details

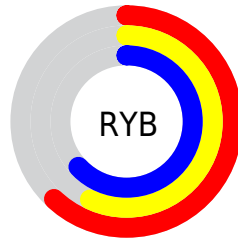
The Yxy color $30.0931, 0.3107, 0.3050$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $33.8406, 0.3145, 0.3538$, and the grayscale version is $30.7941, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.9508, 0.3113, 0.3097$, and $12.4143, 0.3111, 0.2990$ is the 20% darker color. If you saturate the color by 10%, you get $25.2102, 0.3082, 0.2798$, and if you desaturate by 10%, it is $35.6837, 0.3127, 0.3291$.

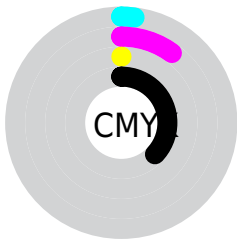
Distribution



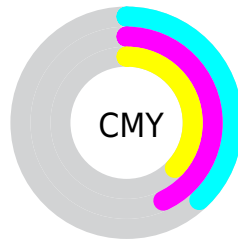
- Red (62%)
- Green (57%)
- Blue (63%)



- Red (62%)
- Yellow (57%)
- Blue (63%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0931, 0.3107, 0.3050 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 30.0931, 0.3107, 0.3050 by changing the saturation by 10% instead.

■ 30.0931, 0.3107,
0.3050

■ 30.0931, 0.3107,
0.3050

■ 302.3382, 0.3119,
0.3177

■ 19.9093, 0.3103,
0.3016

■ 59.8094, 0.3112,
0.3098

■ 12.3291, 0.3099,
0.2971

■ 80.1106, 0.3113,
0.3115

■ 6.9682, 0.3091,
0.2907

■ 104.5531, 0.3115,
0.3130

■ 3.4422, 0.3079,
0.2813

■ 133.5212, 0.3116,
0.3142

■ 1.3667, 0.3056,
0.2658

■ 167.3994, 0.3117,
0.3153

■ 0.1920, 0.3009,
0.1546

■ 206.5720, 0.3117,

■ 0.0000, 0.0000,

0.3162

0.0000

251.4235, 0.3118,
0.3170

■ 30.0931, 0.3107,
0.3050

■ 30.0931, 0.3107,
0.3050

■ 25.2102, 0.3082,
0.2798

■ 35.6837, 0.3127,
0.3291

■ 21.0020, 0.3052,
0.2540

■ 42.0058, 0.3143,
0.3518

■ 17.4384, 0.3017,
0.2284

■ 49.0865, 0.3156,
0.3729

■ 14.4857, 0.2977,
0.2039

■ 56.9508, 0.3165,
0.3922

■ 12.1069, 0.2933,
0.1815

■ 65.6221, 0.3172,
0.4098

■ 10.2611, 0.2886,
0.1622

■ 75.1231, 0.3177,
0.4257

■ 8.9021, 0.2836,
0.1468

■ 83.7262, 0.3183,
0.4377

■ 7.9752, 0.2787,
0.1358

■ 84.0963, 0.3201,
0.4371

■ 7.3540, 0.2737,
0.1282

■ 84.4745, 0.3220,
0.4364

Harmonies

Analogous

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



30.0931, 0.2949, 0.3009



30.0931, 0.3107, 0.3050



30.0931, 0.3274, 0.3150

Triad

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



30.0931, 0.3107, 0.3050



30.0931, 0.3419, 0.3538



30.0931, 0.2858, 0.3284

Complementary

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



30.0931, 0.3107, 0.3050



33.8406, 0.3145, 0.3538

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.



30.0931, 0.2978, 0.3436



30.0931, 0.3107, 0.3050



30.0931, 0.3302, 0.3584

Square

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



30.0931, 0.3107, 0.3050



30.0931, 0.3457, 0.3428



30.0931, 0.3140, 0.3547



30.0931, 0.2808, 0.3139

Rectangle

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



30.0931, 0.3107, 0.3050



30.0931, 0.3367, 0.3239



30.0931, 0.3140, 0.3547



30.0931, 0.2891, 0.3336

Sweetspot

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



30.0944, 0.3107, 0.3050



60.6350, 0.3121, 0.3218



29.8412, 0.2976, 0.3091



13.1242, 0.3120, 0.3199



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.



30.0944, 0.3107, 0.3050



51.7764, 0.3102, 0.2993



30.2407, 0.3185, 0.3123



7.1338, 0.3108, 0.3066



5.8860, 0.2741, 0.1284



0.1402, 0.2922, 0.1383

Inverse Universe

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



29.9730, 0.3267, 0.3244



51.5188, 0.3303, 0.3233



33.7117, 0.3074, 0.3464



7.1070, 0.3256, 0.3247



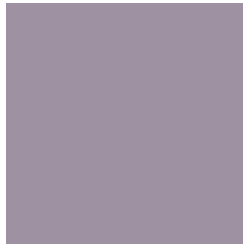
6.1337, 0.6060, 0.3112



0.1346, 0.5208, 0.2643

Previews

White Background



This preview shows how the Yxy color 30.0931, 0.3107, 0.3050 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 30.0931, 0.3107, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

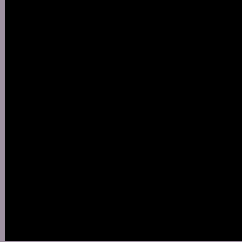
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

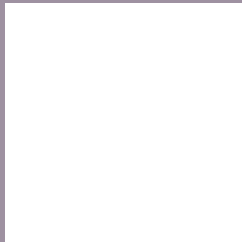
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.0931, 0.3107, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 30.0931, 0.3107, 0.3050.



This preview shows how white text looks on a background with the Yxy color 30.0931, 0.3107, 0.3050.

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

30.0931, 0.3107, 0.3050

Protanopia

30.1201, 0.2988, 0.3060

Deuteranopia

30.0931, 0.3107, 0.3050



Tritanopia

30.1602, 0.3135, 0.3124

Trichromacy



Original Color

30.0931, 0.3107, 0.3050

Protanomaly

30.1515, 0.3037, 0.3062

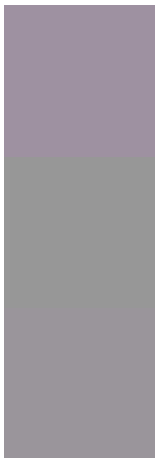
Deuteranomaly

30.0931, 0.3107, 0.3050

Tritanomaly

30.1945, 0.3125, 0.3109

Monochromacy



Original Color

30.0931, 0.3107, 0.3050

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.7315, 0.3121, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0931, 0.3107, 0.3050 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, 145, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 145, 161)  
}
```

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, 145, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 145, 161) }
```

Border

The CSS property to change the border of an element to Yxy 30.0931, 0.3107, 0.3050 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, 145, 161) }
```

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

```
.border{ border-color:rgb(158, 145, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 145, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 145, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 145, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 145,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0931, 0.3107, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 145, 161) }
```

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

```
.background{ background-color: rgb(158,  
145, 161) }
```

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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