

Converting Colors

$Y_{xy}(27.6806, 0.3148, 0.3249)$

Have a look what the booklet for
Yxy(27.6806, 0.3148, 0.3249)
contains.

Yxy(27.5934, 0.3151, 0.3242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.5934, 0.3151, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	938E91
RGB	147, 142, 145
RGB Percent	58%, 56%, 57%
CMY	0.4235, 0.4431, 0.4314
CMYK	0.00, 0.03, 0.01, 0.42
HSL	324°, 2%, 57%
HSV	324°, 3%, 58%
XYZ	26.8189, 27.5934, 30.7000
YIQ	143.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

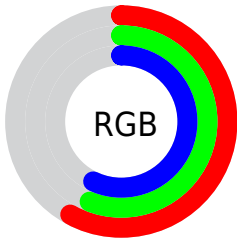
Format	Color
R_{YB}	147, 142, 145
Decimal	9670289
CIE _{Lab}	59.52, 2.43, -0.94
CIE _{LCh}	60, 2.607, 338.864
Yxy	27.5934, 0.3151, 0.3242
Android (android.graphics.Color)	4287860369 (0xFF938E91)
YUV	143.8370, 0.5734, 2.7740
Hunter-Lab	52.5294, -0.7934, 2.1195

Details

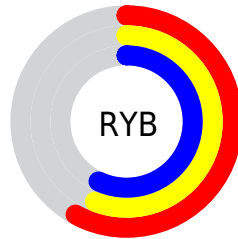
The Yxy color $27.5934, 0.3151, 0.3242$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.6384, 0.3104, 0.3338$, and the grayscale version is $27.8195, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.0209, 0.3145, 0.3254$, and $10.9673, 0.3146, 0.3220$ is the 20% darker color. If you saturate the color by 10%, you get $23.3268, 0.3230, 0.3096$, and if you desaturate by 10%, it is $32.4490, 0.3085, 0.3380$.

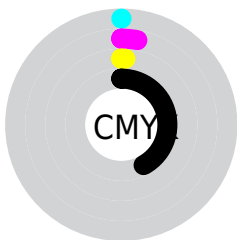
Distribution



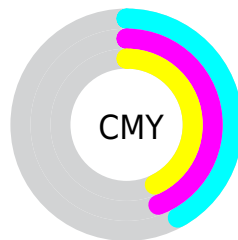
- Red (58%)
- Green (56%)
- Blue (57%)



- Red (58%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (42%)





- Cyan (42%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5934, 0.3151, 0.3242 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 27.5934, 0.3151, 0.3242 by changing the saturation by 10% instead.


 27.5934, 0.3151,
0.3242


 27.5934, 0.3151,
0.3242


290.5189, 0.3138,
0.3268


 18.0194, 0.3155,
0.3235


 55.8346, 0.3146,
0.3252

 10.9639, 0.3159,
0.3225


 75.2706, 0.3144,
0.3256

 6.0426, 0.3166,
0.3211


 98.7627, 0.3143,
0.3259

 2.8710, 0.3177,
0.3189

126.6954, 0.3142,
0.3261

 1.0648, 0.3197,
0.3150

159.4529, 0.3141,
0.3263

 0.0000, 0.5300,
0.0000

197.4197, 0.3140,

 0.0000, 0.0000,

0.3265

0.0000

240.9803, 0.3139,
0.3267

■ 27.5934, 0.3151,
0.3242

■ 27.5934, 0.3151,
0.3242

■ 23.3268, 0.3230,
0.3096

■ 32.4490, 0.3085,
0.3380

■ 19.6229, 0.3323,
0.2945

■ 37.9112, 0.3030,
0.3508

■ 16.4590, 0.3432,
0.2791

■ 44.0016, 0.2984,
0.3627

■ 13.8094, 0.3559,
0.2640

■ 50.7395, 0.2946,
0.3736

■ 11.6460, 0.3703,
0.2500

■ 58.1432, 0.2914,
0.3837

■ 9.9385, 0.3864,
0.2380

■ 66.2306, 0.2888,
0.3929

■ 8.6527, 0.4038,
0.2292

■ 75.0186, 0.2866,
0.4013

■ 7.7499, 0.4219,
0.2245

■ 81.5447, 0.2844,
0.4044

■ 7.1837, 0.4400,
0.2247

■ 81.8128, 0.2815,
0.3969

Harmonies

Analogous

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



27.5934, 0.3107, 0.3220



27.5934, 0.3151, 0.3242



27.5934, 0.3189, 0.3277

Triad

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



27.5934, 0.3151, 0.3242



27.5934, 0.3186, 0.3364



27.5934, 0.3045, 0.3265

Complementary

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



27.5934, 0.3151, 0.3242



28.6384, 0.3104, 0.3338

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.



27.5934, 0.3066, 0.3304



27.5934, 0.3151, 0.3242



27.5934, 0.3147, 0.3361

Square

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



27.5934, 0.3151, 0.3242



27.5934, 0.3209, 0.3347



27.5934, 0.3103, 0.3339



27.5934, 0.3046, 0.3233

Rectangle

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



27.5934, 0.3151, 0.3242



27.5934, 0.3205, 0.3302



27.5934, 0.3103, 0.3339



27.5934, 0.3050, 0.3277

Sweetspot

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



27.5946, 0.3151, 0.3242



51.3881, 0.3134, 0.3276



27.3825, 0.3099, 0.3209



11.7430, 0.3134, 0.3277



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.5946, 0.3151, 0.3242



48.8621, 0.3156, 0.3233



27.5183, 0.3176, 0.3282



6.3398, 0.3160, 0.3225



5.9915, 0.4511, 0.2259



0.0792, 0.3816, 0.1876

Inverse Universe

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



27.5946, 0.3151, 0.3242



48.8621, 0.3156, 0.3233



28.7157, 0.3080, 0.3298



6.3398, 0.3160, 0.3225



5.9915, 0.4511, 0.2259



0.0792, 0.3816, 0.1876

Previews

White Background



This preview shows how the Yxy color 27.5934, 0.3151, 0.3242 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5934, 0.3151, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

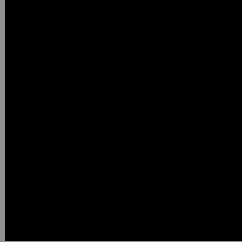
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

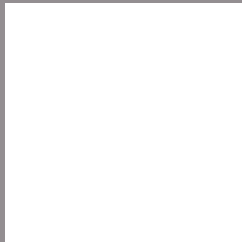
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.5934, 0.3151, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 27.5934, 0.3151, 0.3242.



This preview shows how white text looks on a background with the Yxy color 27.5934, 0.3151, 0.3242.

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

27.5934, 0.3151, 0.3242

Protanopia

27.7090, 0.3129, 0.3258

Deuteranopia

27.6085, 0.3242, 0.3181



Tritanopia

27.6127, 0.3093, 0.3116

Trichromacy



Original Color

27.5934, 0.3151, 0.3242

Protanomaly

27.8002, 0.3139, 0.3258

Deuteranomaly

27.6038, 0.3208, 0.3196

Tritanomaly

27.5156, 0.3122, 0.3163

Monochromacy



Original Color

27.5934, 0.3151, 0.3242

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6783, 0.3139, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5934, 0.3151, 0.3242 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(147, 142, 145)` looks like.

```
.text, #text, p{  
    color:rgb(147, 142, 145)  
}
```

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(147, 142, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 142, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.5934, 0.3151, 0.3242 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(147, 142, 145) }
```

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

```
.border{ border-color:rgb(147, 142, 145) }
```

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

Here you see how a box with a 4 pixel rgb(147, 142, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 142, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 142, 145);  
box-shadow:4px 4px 4px 4px rgb(147, 142,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5934, 0.3151, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 142, 145) }
```

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

```
.background{ background-color: rgb(147,  
142, 145) }
```

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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