

Converting Colors

$Y_{xy}(24.2979, 0.3135, 0.3055)$

Have a look what the booklet for
Yxy(24.2979, 0.3135, 0.3055)
contains.

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Color

Yxy(24.2967, 0.3138, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	918391
RGB	145, 131, 145
RGB Percent	57%, 51%, 57%
CMY	0.4313, 0.4863, 0.4313
CMYK	0.00, 0.10, 0.00, 0.43
HSL	300°, 6%, 54%
HSV	300°, 10%, 57%
XYZ	24.9079, 24.2967, 30.1705
YIQ	136.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

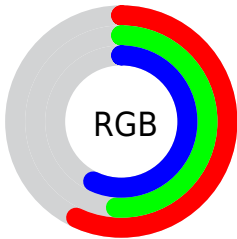
Format	Color
R_{YB}	145, 131, 145
Decimal	9536401
CIE Lab	56.38, 7.97, -5.59
CIE LCh	56, 9.731, 324.951
Yxy	24.2967, 0.3138, 0.3061
Android (android.graphics.Color)	4287726481 (0xFF918391)
YUV	136.7820, 4.0515, 7.2072
Hunter-Lab	49.2917, 3.9385, -1.7860

Details

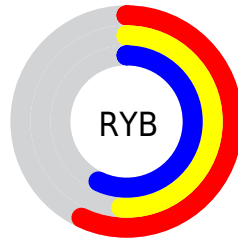
The Yxy color $24.2967, 0.3138, 0.3061$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.7214, 0.3116, 0.3530$, and the grayscale version is $24.9147, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5466, 0.3136, 0.3108$, and $9.2937, 0.3142, 0.2979$ is the 20% darker color. If you saturate the color by 10%, you get $20.6709, 0.3149, 0.2819$, and if you desaturate by 10%, it is $28.4699, 0.3127, 0.3298$.

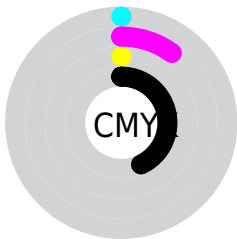
Distribution



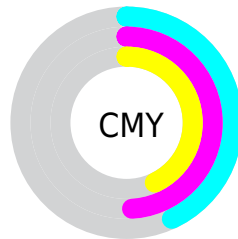
- Red (57%)
- Green (51%)
- Blue (57%)



- Red (57%)
- Yellow (51%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)




- Cyan (43%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2967, 0.3138, 0.3061 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 24.2967, 0.3138, 0.3061 by changing the saturation by 10% instead.


 24.2967, 0.3138,
0.3061


 24.2967, 0.3138,
0.3061


274.3171, 0.3133,
0.3186


 15.5539, 0.3139,
0.3026


 50.5139, 0.3136,
0.3109

 9.2090, 0.3140,
0.2978


 68.7571, 0.3136,
0.3127

 4.8778, 0.3142,
0.2908

 90.9359, 0.3135,
0.3141

 2.1757, 0.3143,
0.2799

117.4346, 0.3134,
0.3153

 0.7067, 0.3154,
0.2573

148.6377, 0.3134,
0.3163

 0.0000, 0.0000,
0.0000

184.9295, 0.3134,

0.3172

226.6945, 0.3133,
0.3179

■ 24.2967, 0.3138,
0.3061

■ 24.2967, 0.3138,
0.3061

■ 20.6709, 0.3149,
0.2819

■ 28.4699, 0.3127,
0.3298

■ 17.5668, 0.3161,
0.2578

■ 33.2085, 0.3116,
0.3524

■ 14.9614, 0.3172,
0.2345

■ 38.5336, 0.3106,
0.3737

■ 12.8287, 0.3182,
0.2129

■ 44.4645, 0.3097,
0.3935

■ 11.1403, 0.3191,
0.1940

■ 51.0192, 0.3088,
0.4117

■ 9.8649, 0.3199,
0.1784

■ 58.2153, 0.3080,
0.4283

■ 8.9671, 0.3204,
0.1667

■ 66.0696, 0.3073,
0.4433

■ 8.4054, 0.3208,
0.1590

■ 74.5982, 0.3067,
0.4570

■ 8.0745, 0.3211,
0.1544

■ 79.5890, 0.3063,
0.4639

Harmonies

Analogous

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



24.2967, 0.2973, 0.3008



24.2967, 0.3138, 0.3061



24.2967, 0.3304, 0.3171

Triad

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



24.2967, 0.3138, 0.3061



24.2967, 0.3407, 0.3555



24.2967, 0.2839, 0.3255

Complementary

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



24.2967, 0.3138, 0.3061



26.7214, 0.3116, 0.3530

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.



24.2967, 0.2950, 0.3412



24.2967, 0.3138, 0.3061



24.2967, 0.3277, 0.3588

Square

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



24.2967, 0.3138, 0.3061



24.2967, 0.3462, 0.3453



24.2967, 0.3109, 0.3535



24.2967, 0.2804, 0.3114

Rectangle

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



24.2967, 0.3138, 0.3061



24.2967, 0.3392, 0.3264



24.2967, 0.3109, 0.3535



24.2967, 0.2868, 0.3308

Sweetspot

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



24.2977, 0.3138, 0.3061



48.3245, 0.3131, 0.3218



23.1011, 0.2982, 0.3049



10.6225, 0.3131, 0.3201



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.2977, 0.3138, 0.3061



41.7338, 0.3141, 0.2999



24.0882, 0.3213, 0.3174



5.5110, 0.3137, 0.3073



6.9145, 0.3211, 0.1542



0.0661, 0.3210, 0.1542

Inverse Universe

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



24.2977, 0.3138, 0.3061



41.7338, 0.3141, 0.2999



26.9179, 0.3049, 0.3409



5.5110, 0.3137, 0.3073



6.9145, 0.3211, 0.1542



0.0661, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 24.2967, 0.3138, 0.3061 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 24.2967, 0.3138, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

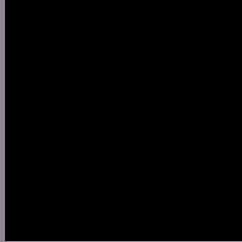
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2967, 0.3138, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 24.2967, 0.3138, 0.3061.



This preview shows how white text looks on a background with the Yxy color 24.2967, 0.3138, 0.3061.

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

24.2967, 0.3138, 0.3061

Protanopia

24.2251, 0.2995, 0.3071

Deuteranopia

24.2062, 0.3127, 0.3061



Tritanopia

24.4753, 0.3169, 0.3126

Trichromacy



Original Color

24.2967, 0.3138, 0.3061

Protanomaly

24.2537, 0.3048, 0.3073

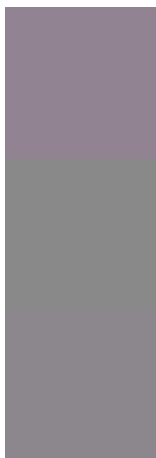
Deuteranomaly

24.2062, 0.3127, 0.3061

Tritanomaly

24.5054, 0.3158, 0.3110

Monochromacy



Original Color

24.2967, 0.3138, 0.3061

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7968, 0.3131, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2967, 0.3138, 0.3061 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(145, 131, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 131, 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(145, 131, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 131, 145) }
```

Border

The CSS property to change the border of an element to Yxy 24.2967, 0.3138, 0.3061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

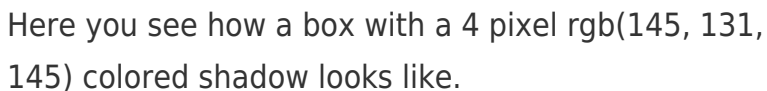
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 131, 145) }
```

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

```
.border{ border-color:rgb(145, 131, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 131, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 131, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 131, 145); box-shadow:4px 4px 4px 4px rgb(145, 131, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2967, 0.3138, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 131, 145) }
```

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

```
.background{ background-color: rgb(145,  
131, 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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