

Converting Colors

$Y_{xy}(24.9481, 0.3124, 0.3175)$

Have a look what the booklet for
Yxy(24.9481, 0.3124, 0.3175)
contains.

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Color

Yxy(24.9437, 0.3121, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	8D878E
RGB	141, 135, 142
RGB Percent	55%, 53%, 56%
CMY	0.4472, 0.4705, 0.4431
CMYK	0.01, 0.05, 0.00, 0.44
HSL	291°, 3%, 54%
HSV	291°, 5%, 56%
XYZ	24.5272, 24.9437, 29.1167
YIQ	137.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

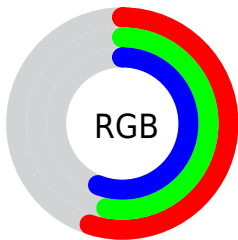
Format	Color
R_{YB}	141, 135, 142
Decimal	9275278
CIE Lab	57.02, 3.58, -2.95
CIE LCh	57, 4.644, 320.493
Yxy	24.9437, 0.3121, 0.3174
Android (android.graphics.Color)	4287465358 (0xFF8D878E)
YUV	137.5920, 2.1731, 2.9888
Hunter-Lab	49.9437, 0.2594, 0.3950

Details

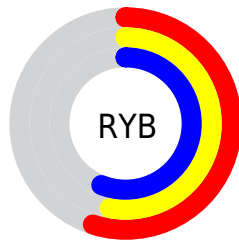
The Yxy color $24.9437, 0.3121, 0.3174$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.3377, 0.3133, 0.3408$, and the grayscale version is $25.2426, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5541, 0.3124, 0.3192$, and $9.4939, 0.3119, 0.3118$ is the 20% darker color. If you saturate the color by 10%, you get $21.0584, 0.3106, 0.2930$, and if you desaturate by 10%, it is $29.3633, 0.3133, 0.3406$.

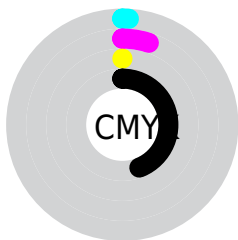
Distribution



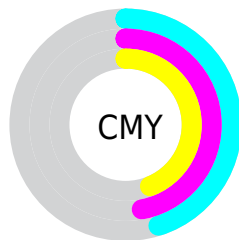
- Red (55%)
- Green (53%)
- Blue (56%)



- Red (55%)
- Yellow (53%)
- Blue (56%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (44%)




- Cyan (45%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9437, 0.3121, 0.3174 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 24.9437, 0.3121, 0.3174 by changing the saturation by 10% instead.


 24.9437, 0.3121,
0.3174


 24.9437, 0.3121,
0.3174


277.5575, 0.3125,
0.3238


 16.0351, 0.3120,
0.3156


 51.5659, 0.3122,
0.3199

 9.5490, 0.3118,
0.3131

 70.0483, 0.3123,
0.3207

 5.1010, 0.3116,
0.3095

 92.4907, 0.3123,
0.3215

 2.3066, 0.3111,
0.3038

119.2776, 0.3124,
0.3221

 0.7772, 0.3107,
0.2923

150.7933, 0.3124,
0.3226

 0.0000, 0.0000,
0.0000

187.4222, 0.3124,

0.3230

229.5488, 0.3124,
0.3234

■ 24.9437, 0.3121,
0.3174

■ 24.9437, 0.3121,
0.3174

■ 21.0584, 0.3106,
0.2930

■ 29.3633, 0.3133,
0.3406

■ 17.6834, 0.3087,
0.2680

■ 34.3337, 0.3142,
0.3623

■ 14.7976, 0.3065,
0.2428

■ 39.8744, 0.3148,
0.3825

■ 12.3773, 0.3038,
0.2184

■ 46.0034, 0.3152,
0.4009

■ 10.3966, 0.3007,
0.1957

■ 52.7376, 0.3155,
0.4178

■ 8.8272, 0.2974,
0.1755

■ 60.0933, 0.3156,
0.4330

■ 7.6375, 0.2938,
0.1588

■ 68.0861, 0.3156,
0.4468

■ 6.7913, 0.2900,
0.1462

■ 76.7311, 0.3156,
0.4592

■ 6.2402, 0.2862,
0.1377

■ 80.9500, 0.3162,
0.4641

Harmonies

Analogous

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



24.9437, 0.3044, 0.3154



24.9437, 0.3121, 0.3174



24.9437, 0.3200, 0.3224

Triad

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



24.9437, 0.3121, 0.3174



24.9437, 0.3266, 0.3411



24.9437, 0.2996, 0.3286

Complementary

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



24.9437, 0.3121, 0.3174



26.3377, 0.3133, 0.3408

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.



24.9437, 0.3054, 0.3357



24.9437, 0.3121, 0.3174



24.9437, 0.3210, 0.3430

Square

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



24.9437, 0.3121, 0.3174



24.9437, 0.3285, 0.3360



24.9437, 0.3132, 0.3410



24.9437, 0.2972, 0.3217

Rectangle

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



24.9437, 0.3121, 0.3174



24.9437, 0.3244, 0.3269



24.9437, 0.3132, 0.3410



24.9437, 0.3012, 0.3311

Sweetspot

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



24.9448, 0.3121, 0.3174



46.9106, 0.3126, 0.3266



24.7314, 0.3055, 0.3189



10.4892, 0.3126, 0.3268



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.9448, 0.3121, 0.3174



43.1116, 0.3119, 0.3145



24.9639, 0.3158, 0.3215



5.7302, 0.3119, 0.3138



5.3977, 0.2844, 0.1341



0.0588, 0.3034, 0.1445

Inverse Universe

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



24.8626, 0.3195, 0.3273



42.9337, 0.3212, 0.3269



26.3205, 0.3097, 0.3367



5.7054, 0.3217, 0.3267



5.2144, 0.6148, 0.3160



0.0519, 0.5333, 0.2712

Previews

White Background



This preview shows how the Yxy color 24.9437, 0.3121, 0.3174 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 24.9437, 0.3121, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

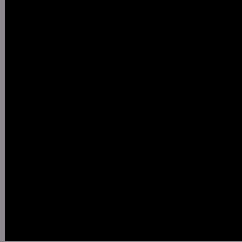
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

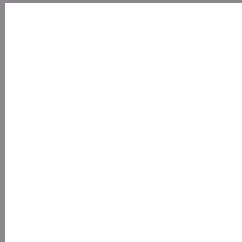
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9437, 0.3121, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 24.9437, 0.3121, 0.3174.



This preview shows how white text looks on a background with the Yxy color 24.9437, 0.3121, 0.3174.

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

24.9437, 0.3121, 0.3174

Protanopia

24.9948, 0.3078, 0.3173

Deuteranopia

25.0240, 0.3202, 0.3144



Tritanopia

25.0350, 0.3091, 0.3125

Trichromacy



Original Color

24.9437, 0.3121, 0.3174

Protanomaly

25.0805, 0.3089, 0.3173

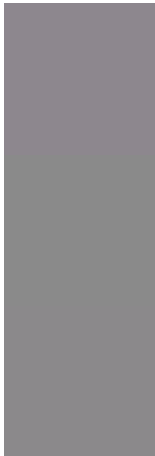
Deuteranomaly

25.0229, 0.3167, 0.3159

Tritanomaly

25.0043, 0.3101, 0.3141

Monochromacy



Original Color

24.9437, 0.3121, 0.3174

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.2444, 0.3129, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9437, 0.3121, 0.3174 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(141, 135, 142)` looks like.

```
.text, #text, p{  
    color:rgb(141, 135, 142)  
}
```

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(141, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 135, 142) }
```

Border

The CSS property to change the border of an element to Yxy 24.9437, 0.3121, 0.3174 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(141, 135, 142) }
```

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

```
.border{ border-color:rgb(141, 135, 142) }
```

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

Here you see how a box with a 4 pixel rgb(141, 135, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(141, 135,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9437, 0.3121, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 135, 142) }
```

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

```
.background{ background-color: rgb(141,  
135, 142) }
```

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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