

Converting Colors

$Yxy(24.9178, 0.3121, 0.3431)$

Have a look what the booklet for
Yxy(24.9178, 0.3121, 0.3431)
contains.

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Color

Yxy(24.9292, 0.3121, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	838B83
RGB	131, 139, 131
RGB Percent	51%, 55%, 51%
CMY	0.4862, 0.4549, 0.4863
CMYK	0.06, 0.00, 0.06, 0.45
HSL	120°, 3%, 53%
HSV	120°, 6%, 55%
XYZ	22.6900, 24.9292, 25.0819
YIQ	135.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

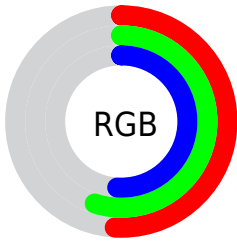
Format	Color
R_{YB}	131, 139, 139
Decimal	8620931
CIE Lab	57.01, -4.51, 3.27
CIE LCh	57, 5.572, 144.051
Yxy	24.9292, 0.3121, 0.3429
Android (android.graphics.Color)	4286811011 (0xFF838B83)
YUV	135.6960, -2.3151, -4.1184
Hunter-Lab	49.9291, -6.2577, 5.1661

Details

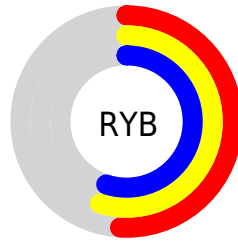
The Yxy color $24.9292, 0.3121, 0.3429$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.5781, 0.3133, 0.3155$, and the grayscale version is $24.5113, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3503, 0.3122, 0.3392$, and $9.5478, 0.3119, 0.3472$ is the 20% darker color. If you saturate the color by 10%, you get $23.5457, 0.3109, 0.3696$, and if you desaturate by 10%, it is $26.5131, 0.3131, 0.3195$.

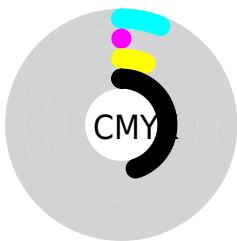
Distribution



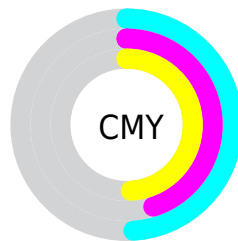
- Red (51%)
- Green (55%)
- Blue (51%)



- Red (51%)
- Yellow (55%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)




- Cyan (49%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9292, 0.3121, 0.3429 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 24.9292, 0.3121, 0.3429 by changing the saturation by 10% instead.


 24.9292, 0.3121,
0.3429


 24.9292, 0.3121,
0.3429


277.4852, 0.3125,
0.3352


 16.0243, 0.3120,
0.3452


 51.5423, 0.3123,
0.3399

 9.5414, 0.3118,
0.3483


 70.0194, 0.3123,
0.3388

 5.0959, 0.3115,
0.3529

 92.4559, 0.3123,
0.3379

 2.3037, 0.3110,
0.3604

119.2364, 0.3124,
0.3372

 0.7756, 0.3107,
0.3843

150.7452, 0.3124,
0.3366

 0.0000, 0.0000,
0.0000

187.3666, 0.3124,

0.3360

229.4852, 0.3125,
0.3356

■ 24.9292, 0.3121,
0.3429

■ 24.9292, 0.3121,
0.3429

■ 23.5457, 0.3109,
0.3696

■ 26.5131, 0.3131,
0.3195

■ 22.3516, 0.3096,
0.3995

■ 28.3016, 0.3140,
0.2991

■ 21.3396, 0.3081,
0.4321

■ 30.3027, 0.3148,
0.2816

■ 20.5008, 0.3065,
0.4665

■ 32.5231, 0.3154,
0.2665

■ 19.8254, 0.3049,
0.5011

■ 34.9692, 0.3160,
0.2535

■ 19.3029, 0.3034,
0.5336

■ 37.6471, 0.3165,
0.2423

■ 18.9213, 0.3020,
0.5614

■ 40.5627, 0.3169,
0.2327

■ 18.6669, 0.3010,
0.5822

■ 43.7216, 0.3172,
0.2244

■ 18.5199, 0.3003,
0.5952

■ 46.9456, 0.3179,
0.2178

Harmonies

Analogous

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



24.9292, 0.3216, 0.3458



24.9292, 0.3121, 0.3429



24.9292, 0.3029, 0.3361

Triad

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



24.9292, 0.3121, 0.3429



24.9292, 0.2968, 0.3140



24.9292, 0.3293, 0.3302

Complementary

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



24.9292, 0.3121, 0.3429



23.5781, 0.3133, 0.3155

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.



24.9292, 0.3225, 0.3220



24.9292, 0.3121, 0.3429



24.9292, 0.3037, 0.3127

Square

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



24.9292, 0.3121, 0.3429



24.9292, 0.2942, 0.3194



24.9292, 0.3131, 0.3157



24.9292, 0.3316, 0.3383

Rectangle

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



24.9292, 0.3121, 0.3429



24.9292, 0.2981, 0.3304



24.9292, 0.3131, 0.3157



24.9292, 0.3275, 0.3274

Sweetspot

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



24.9303, 0.3121, 0.3429



45.6589, 0.3125, 0.3338



25.5542, 0.3209, 0.3423



10.5295, 0.3125, 0.3335



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.



24.9303, 0.3121, 0.3429



44.2813, 0.3119, 0.3464



25.0347, 0.3082, 0.3361



5.6693, 0.3119, 0.3468



16.6693, 0.3001, 0.5999



0.1108, 0.3008, 0.5994

Inverse Universe

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



23.5781, 0.3133, 0.3155



41.3062, 0.3135, 0.3122



23.4696, 0.3175, 0.3220



5.2797, 0.3135, 0.3118



6.5922, 0.3199, 0.1536



0.0440, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 24.9292, 0.3121, 0.3429 looks on a white background.

Color Contrast Check

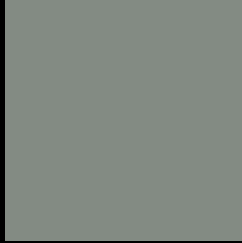
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9292, 0.3121, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

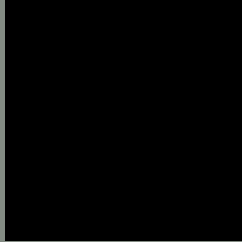
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

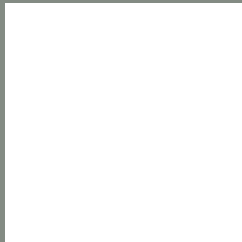
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9292, 0.3121, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 24.9292, 0.3121, 0.3429.



This preview shows how white text looks on a background with the Yxy color 24.9292, 0.3121, 0.3429.

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

24.9292, 0.3121, 0.3429

Protanopia

24.8560, 0.3257, 0.3409

Deuteranopia

24.7478, 0.3348, 0.3291



Tritanopia

25.0662, 0.2995, 0.3122

Trichromacy



Original Color

24.9292, 0.3121, 0.3429

Protanomaly

24.8214, 0.3200, 0.3410

Deuteranomaly

24.9232, 0.3261, 0.3340

Tritanomaly

25.0866, 0.3043, 0.3239

Monochromacy



Original Color

24.9292, 0.3121, 0.3429

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6809, 0.3125, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9292, 0.3121, 0.3429 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(131, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 139, 131)  
}
```

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(131, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 139, 131) }
```

Border

The CSS property to change the border of an element to Yxy 24.9292, 0.3121, 0.3429 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(131, 139, 131) }
```

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

```
.border{ border-color:rgb(131, 139, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 139, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 139, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 139, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 139,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9292, 0.3121, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 139, 131) }
```

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

```
.background{ background-color: rgb(131,  
139, 131) }
```

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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