

Converting Colors

$Y_{xy}(30.3577, 0.2525, 0.2133)$

Have a look what the booklet for
Yxy(30.3577, 0.2525, 0.2133)
contains.

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Color

Yxy(30.4402, 0.2526, 0.2139)

Conversions

Conversions Part 1

Format	Color
Hex	998AE2
RGB	153, 138, 226
RGB Percent	60%, 54%, 89%
CMY	0.4001, 0.4588, 0.1138
CMYK	0.32, 0.39, 0.00, 0.11
HSL	250°, 60%, 71%
HSV	250°, 39%, 89%
XYZ	35.9476, 30.4402, 75.9226
YIQ	152.5170, -19.3080, 30.5480

Conversions

Conversions Part 2

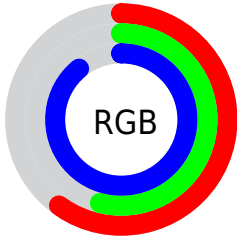
Format	Color
R _Y B	153, 138, 226
Decimal	10062562
CIE Lab	62.03, 25.24, -42.81
CIE LCh	62, 49.700, 300.523
Yxy	30.4402, 0.2526, 0.2139
Android (android.graphics.Color)	4288252642 (0xFF998AE2)
YUV	152.5170, 36.2271, 0.4236
Hunter-Lab	55.1726, 19.7492, -42.9676

Details

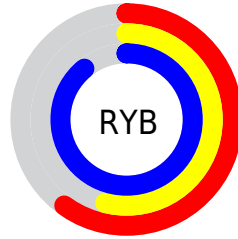
The Yxy color **30.4402, 0.2526, 0.2139** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **70.0736, 0.3594, 0.4293**, and the grayscale version is **31.4806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4746, 0.2818, 0.2608**, and **12.5344, 0.2336, 0.1842** is the 20% darker color. If you saturate the color by 10%, you get **22.9333, 0.2335, 0.1799**, and if you desaturate by 10%, it is **39.5853, 0.2706, 0.2470**.

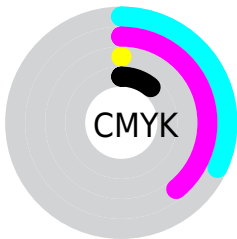
Distribution



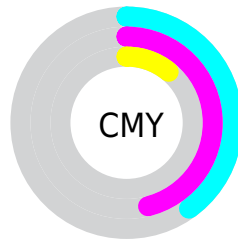
- Red (60%)
- Green (54%)
- Blue (89%)



- Red (60%)
- Yellow (54%)
- Blue (89%)



- Cyan (32%)
- Magenta (39%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4402, 0.2526, 0.2139 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 30.4402, 0.2526, 0.2139 by changing the saturation by 10% instead.

■ 30.4402, 0.2526,
0.2139

■ 30.4402, 0.2526,
0.2139

303.9510, 0.2847,
0.2703

■ 20.1730, 0.2442,
0.2005

■ 60.3576, 0.2646,
0.2339

■ 12.5208, 0.2332,
0.1839

■ 80.7766, 0.2690,
0.2416

■ 7.0994, 0.2185,
0.1628

■ 105.3483, 0.2727,
0.2482

■ 3.5244, 0.1980,
0.1355

134.4571, 0.2759,
0.2538

■ 1.4112, 0.1682,
0.1002

168.4873, 0.2786,
0.2587

■ 0.2250, 0.1268,
0.0344

207.8235, 0.2809,

■ 0.0000, 0.0000,

0.2630

0.0000

252.8499, 0.2829,
0.2669

■ 30.4402, 0.2526,
0.2139

■ 30.4402, 0.2526,
0.2139

■ 22.9333, 0.2335,
0.1799

■ 39.5853, 0.2706,
0.2470

■ 16.9634, 0.2141,
0.1467

■ 50.4546, 0.2869,
0.2781

■ 12.4235, 0.1956,
0.1167

■ 63.1322, 0.3014,
0.3063

■ 9.1911, 0.1793,
0.0920

■ 77.6959, 0.3140,
0.3316

■ 7.1224, 0.1664,
0.0746

■ 94.2186, 0.3248,
0.3538

■ 6.0030, 0.1575,
0.0646

■ 98.2703, 0.3298,
0.3572

■ 5.9107, 0.1567,
0.0637

Harmonies

Analogous

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



30.4402, 0.2009, 0.2105



30.4402, 0.2526, 0.2139



30.4402, 0.3282, 0.2402

Triad

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



30.4402, 0.2526, 0.2139



30.4402, 0.4668, 0.3979



30.4402, 0.2189, 0.3720

Complementary

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



30.4402, 0.2526, 0.2139



70.0736, 0.3594, 0.4293

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.



30.4402, 0.2826, 0.4494



30.4402, 0.2526, 0.2139



30.4402, 0.4265, 0.4505

Square

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



30.4402, 0.2526, 0.2139



30.4402, 0.4623, 0.3395



30.4402, 0.3586, 0.4768



30.4402, 0.1828, 0.2894

Rectangle

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



30.4402, 0.2526, 0.2139



30.4402, 0.3833, 0.2681



30.4402, 0.3586, 0.4768



30.4402, 0.2375, 0.4009

Sweetspot

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



30.4414, 0.2526, 0.2139



77.5042, 0.2970, 0.2977



57.6449, 0.2561, 0.3103



16.1118, 0.2951, 0.2941



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



30.4414, 0.2526, 0.2139



31.6114, 0.2366, 0.1854



35.4961, 0.2903, 0.2252



13.3548, 0.3007, 0.3049



3.4075, 0.1577, 0.0642



0.2703, 0.1709, 0.0715

Inverse Universe

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



39.0520, 0.3311, 0.2476



44.6058, 0.3361, 0.2312



64.4735, 0.3268, 0.4409



13.8935, 0.3164, 0.3098



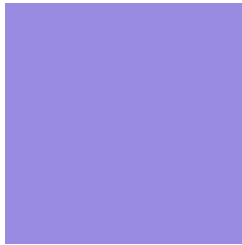
11.3003, 0.3690, 0.1807



0.7940, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 30.4402, 0.2526, 0.2139 looks on a white background.

Color Contrast Check

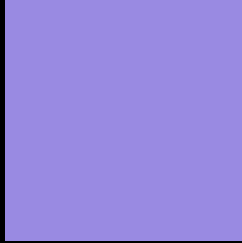
Large Text (above 18pt) WCAG AA × Fail

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 30.4402, 0.2526, 0.2139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

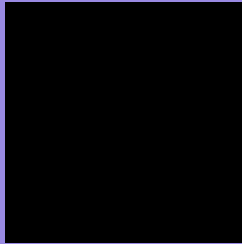
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4402, 0.2526, 0.2139

Background



This preview shows how black text looks on a background with the Yxy color 30.4402, 0.2526, 0.2139.



This preview shows how white text looks on a background with the Yxy color 30.4402, 0.2526, 0.2139.

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

30.4402, 0.2526, 0.2139

Protanopia

30.6595, 0.2252, 0.2108

Deuteranopia

30.6586, 0.2303, 0.2238



Tritanopia

30.3530, 0.2912, 0.3102

Trichromacy



Original Color

30.4402, 0.2526, 0.2139

Protanomaly

30.5413, 0.2344, 0.2121

Deuteranomaly

30.4329, 0.2373, 0.2194

Tritanomaly

30.1227, 0.2762, 0.2700

Monochromacy



Original Color

30.4402, 0.2526, 0.2139

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.2474, 0.2887, 0.2822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4402, 0.2526, 0.2139 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(153, 138, 226)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 226)  
}
```

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(153, 138, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 226) }
```

Border

The CSS property to change the border of an element to Yxy 30.4402, 0.2526, 0.2139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

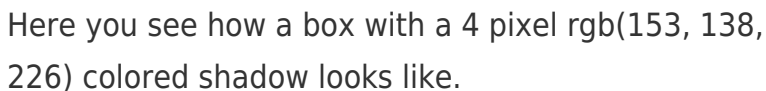
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 138, 226) }
```

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

```
.border{ border-color:rgb(153, 138, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 138, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 138, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 138, 226); box-shadow:4px 4px 4px 4px rgb(153, 138, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4402, 0.2526, 0.2139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 226) }
```

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

```
.background{ background-color: rgb(153,  
138, 226) }
```

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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