

Converting Colors

$Y_{xy}(30.4192, 0.2353, 0.1991)$

Have a look what the booklet for
Yxy(30.4192, 0.2353, 0.1991)
contains.

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Color

Yxy(30.4192, 0.2353, 0.1991)

Conversions

Conversions Part 1

Format	Color
Hex	8D8BF0
RGB	141, 139, 240
RGB Percent	55%, 55%, 94%
CMY	0.4469, 0.4549, 0.0588
CMYK	0.41, 0.42, 0.00, 0.06
HSL	241°, 77%, 74%
HSV	241°, 42%, 94%
XYZ	35.9500, 30.4192, 86.4144
YIQ	151.1120, -31.2290, 31.8350

Conversions

Conversions Part 2

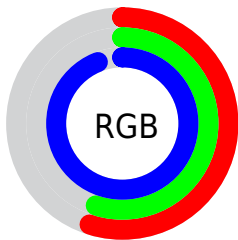
Format	Color
RYB	141, 139, 240
Decimal	9276400
CIELab	62.01, 25.33, -50.66
CIElCh	62, 56.641, 296.561
Yxy	30.4192, 0.2353, 0.1991
Android (android.graphics.Color)	4287466480 (0xFF8D8BF0)
YUV	151.1120, 43.8218, -8.8682
Hunter-Lab	55.1536, 19.8302, -54.2877

Details

The Yxy color **30.4192, 0.2353, 0.1991** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.3525, 0.3740, 0.4335**, and the grayscale version is **30.8198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9250, 0.2742, 0.2593**, and **12.4949, 0.2123, 0.1672** is the 20% darker color. If you saturate the color by 10%, you get **22.3694, 0.2139, 0.1635**, and if you desaturate by 10%, it is **40.4341, 0.2564, 0.2343**.

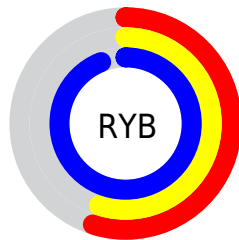
Distribution



Red (55%)

Green (55%)

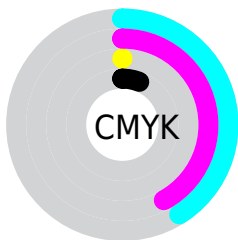
Blue (94%)



Red (55%)

Yellow (55%)

Blue (94%)

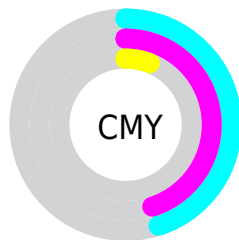


Cyan (41%)

Magenta (42%)

Yellow (0%)

Black (6%)



Cyan (45%)


Magenta (45%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4192, 0.2353, 0.1991 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 30.4192, 0.2353, 0.1991 by changing the saturation by 10% instead.


 30.4192, 0.2353,
0.1991


 30.4192, 0.2353,
0.1991


303.8536, 0.2759,
0.2618

 20.1570, 0.2250,
0.1846


 60.3245, 0.2503,
0.2211

 12.5092, 0.2119,
0.1669

 80.7364, 0.2558,
0.2296

 7.0915, 0.1946,
0.1448


 105.3002, 0.2605,
0.2369

 3.5194, 0.1715,
0.1172

134.4005, 0.2645,
0.2432

 1.4085, 0.1397,
0.0830

168.4216, 0.2679,
0.2488

 0.2230, 0.0979,
0.0263

207.7479, 0.2709,

 0.0000, 0.0000,

0.2536

0.0000

252.7637, 0.2736,
0.2579

■ 30.4192, 0.2353,
0.1991

■ 30.4192, 0.2353,
0.1991

■ 22.3694, 0.2139,
0.1635

■ 40.4341, 0.2564,
0.2343

■ 16.1525, 0.1934,
0.1297

■ 52.5280, 0.2761,
0.2673

■ 11.6254, 0.1757,
0.1006

■ 66.8100, 0.2939,
0.2973

■ 8.6225, 0.1621,
0.0787

■ 83.3807, 0.3097,
0.3239

■ 6.9446, 0.1537,
0.0654

■ 99.0713, 0.3214,
0.3434

■ 6.3227, 0.1505,
0.0603

Harmonies

Analogous

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



30.4192, 0.1829, 0.1983



30.4192, 0.2353, 0.1991



30.4192, 0.3172, 0.2249

Triad

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



30.4192, 0.2353, 0.1991



30.4192, 0.4888, 0.3941



30.4192, 0.2141, 0.3913

Complementary

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



30.4192, 0.2353, 0.1991



82.3525, 0.3740, 0.4335

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.



30.4192, 0.2878, 0.4770



30.4192, 0.2353, 0.1991



30.4192, 0.4470, 0.4563

Square

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



30.4192, 0.2353, 0.1991



30.4192, 0.4778, 0.3300



30.4192, 0.3729, 0.4962



30.4192, 0.1708, 0.2933

Rectangle

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



30.4192, 0.2353, 0.1991



30.4192, 0.3804, 0.2539



30.4192, 0.3729, 0.4962



30.4192, 0.2359, 0.4246

Sweetspot

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



30.4203, 0.2353, 0.1991



74.9952, 0.2923, 0.2946



73.1131, 0.2550, 0.3268



15.2394, 0.2885, 0.2882



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.



30.4203, 0.2353, 0.1991



26.4321, 0.2158, 0.1667



35.8535, 0.2747, 0.2118



15.2440, 0.2983, 0.3046



3.4680, 0.1506, 0.0603



0.2939, 0.1523, 0.0613

Inverse Universe

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



43.1580, 0.3193, 0.2275



42.9657, 0.3208, 0.2082



74.8516, 0.3379, 0.4475



16.0256, 0.3141, 0.3062



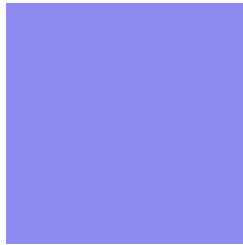
13.4311, 0.3260, 0.1570



1.1191, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 30.4192, 0.2353, 0.1991 looks on a white background.

Color Contrast Check

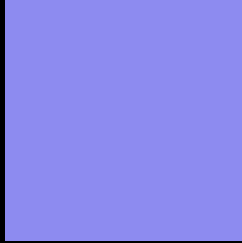
Large Text (above 18pt) WCAG AA × Fail

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 30.4192, 0.2353, 0.1991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

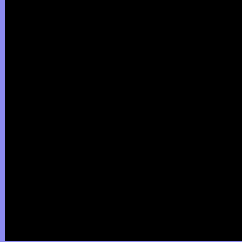
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4192, 0.2353, 0.1991

Background



This preview shows how black text looks on a background with the Yxy color 30.4192, 0.2353, 0.1991.



This preview shows how white text looks on a background with the Yxy color 30.4192, 0.2353, 0.1991.

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

30.4192, 0.2353, 0.1991

Protanopia

30.5244, 0.2139, 0.1956

Deuteranopia

30.6951, 0.2143, 0.2082



Tritanopia

30.4437, 0.2732, 0.3096

Trichromacy



Original Color

30.4192, 0.2353, 0.1991

Protanomaly

30.2415, 0.2211, 0.1965

Deuteranomaly

30.4346, 0.2208, 0.2040

Tritanomaly

30.1358, 0.2579, 0.2618

Monochromacy



Original Color

30.4192, 0.2353, 0.1991

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4894, 0.2805, 0.2758

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4192, 0.2353, 0.1991 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, 139, 240)` looks like.

```
.text, #text, p{  
    color:rgb(141, 139, 240)  
}
```

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, 139, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 139, 240) }
```

Border

The CSS property to change the border of an element to Yxy 30.4192, 0.2353, 0.1991 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, 139, 240) }
```

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

```
.border{ border-color:rgb(141, 139, 240) }
```

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

Here you see how a box with a 4 pixel rgb(141, 139, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 139, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 139, 240);  
box-shadow:4px 4px 4px 4px rgb(141, 139,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4192, 0.2353, 0.1991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 139, 240) }
```

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

```
.background{ background-color: rgb(141,  
139, 240) }
```

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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