

Converting Colors

Yxy(31.4412, 0.2177, 0.1697)

Have a look what the booklet for
Yxy(31.4412, 0.2177, 0.1697)
contains.

Yxy(30.3173, 0.2255, 0.1823)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.3173, 0.2255, 0.1823)

Conversions

Conversions Part 1

Format	Color
Hex	8B88FF
RGB	139, 136, 255
RGB Percent	55%, 53%, 100%
CMY	0.4549, 0.4667, 0.0000
CMYK	0.45, 0.47, 0.00, 0.00
HSL	242°, 100%, 77%
HSV	242°, 47%, 100%
XYZ	37.5017, 30.3173, 98.4855
YIQ	150.4630, -36.4110, 37.6450

Conversions

Conversions Part 2

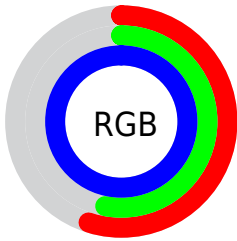
Format	Color
R _Y B	139, 136, 255
Decimal	9144575
CIE Lab	61.93, 30.83, -59.06
CIE LCh	62, 66.626, 297.566
Yxy	30.3173, 0.2255, 0.1823
Android (android.graphics.Color)	4287334655 (0xFF8B88FF)
YUV	150.4630, 51.5367, -10.0531
Hunter-Lab	55.0611, 25.2177, -67.5067

Details

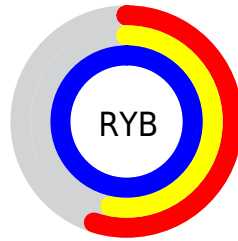
The Yxy color **30.3173, 0.2255, 0.1823** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.9931, 0.3798, 0.4443**, and the grayscale version is **30.4952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4855, 0.2732, 0.2557**, and **12.3923, 0.2003, 0.1485** is the 20% darker color. If you saturate the color by 10%, you get **22.0677, 0.2043, 0.1472**, and if you desaturate by 10%, it is **40.7632, 0.2469, 0.2180**.

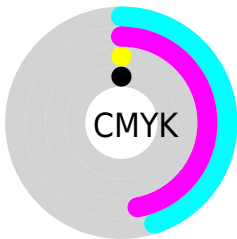
Distribution



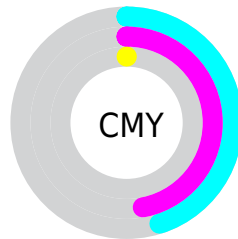
- Red (55%)
- Green (53%)
- Blue (100%)



- Red (55%)
- Yellow (53%)
- Blue (100%)



- Cyan (45%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3173, 0.2255, 0.1823 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 30.3173, 0.2255, 0.1823 by changing the saturation by 10% instead.


 30.3173, 0.2255,
0.1823


 30.3173, 0.2255,
0.1823


303.3807, 0.2708,
0.2514


 20.0796, 0.2143,
0.1669


 60.1636, 0.2420,
0.2061

 12.4529, 0.2001,
0.1485


 80.5410, 0.2482,
0.2154

 7.0529, 0.1819,
0.1261


 105.0670, 0.2535,
0.2235

 3.4952, 0.1580,
0.0990

134.1260, 0.2580,
0.2305

 1.3954, 0.1264,
0.0671

168.1025, 0.2618,
0.2367

 0.2133, 0.0866,
0.0192

207.3809, 0.2652,

 0.0000, 0.0000,

0.2422

0.0000

252.3455, 0.2682,
0.2471

■ 30.3173, 0.2255,
0.1823

■ 30.3173, 0.2255,
0.1823

■ 22.0677, 0.2043,
0.1472

■ 40.7632, 0.2469,
0.2180

■ 15.8555, 0.1849,
0.1152

■ 53.5442, 0.2673,
0.2523

■ 11.5043, 0.1689,
0.0892

■ 68.7905, 0.2861,
0.2838

■ 8.8068, 0.1577,
0.0713

■ 86.6221, 0.3028,
0.3121

■ 7.5038, 0.1516,
0.0621

100.0000, 0.3127,
0.3290

■ 7.2615, 0.1505,
0.0603

Harmonies

Analogous

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



30.3173, 0.1664, 0.1796



30.3173, 0.2255, 0.1823



30.3173, 0.3203, 0.2118

Triad

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



30.3173, 0.2255, 0.1823



30.3173, 0.5146, 0.3998



30.3173, 0.1951, 0.3982

Complementary

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



30.3173, 0.2255, 0.1823



93.9931, 0.3798, 0.4443

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.



30.3173, 0.2772, 0.5053



30.3173, 0.2255, 0.1823



30.3173, 0.4609, 0.4729

Square

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



30.3173, 0.2255, 0.1823



30.3173, 0.5077, 0.3286



30.3173, 0.3740, 0.5253



30.3173, 0.1496, 0.2812

Rectangle

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



30.3173, 0.2255, 0.1823



30.3173, 0.3950, 0.2443



30.3173, 0.3740, 0.5253



30.3173, 0.2191, 0.4397

Sweetspot

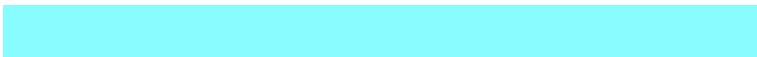
The Sweet Spot groups the original color and five complimentary colors.



30.3181, 0.2255, 0.1823



73.2866, 0.2907, 0.2917



82.7155, 0.2501, 0.3266



14.9044, 0.2870, 0.2854



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.



30.3181, 0.2255, 0.1823



22.5519, 0.2057, 0.1494



36.7647, 0.2691, 0.1978



17.3996, 0.2982, 0.3044



3.8037, 0.1508, 0.0604



0.3777, 0.1525, 0.0614

Inverse Universe

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



45.8972, 0.3206, 0.2176



39.8828, 0.3222, 0.1991



84.7033, 0.3399, 0.4619



18.2920, 0.3142, 0.3062



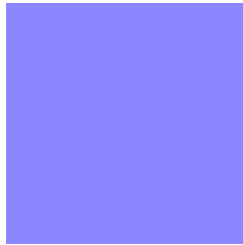
14.6722, 0.3273, 0.1577



1.4310, 0.3265, 0.1572

Previews

White Background



This preview shows how the Yxy color 30.3173, 0.2255, 0.1823 looks on a white background.

Color Contrast Check

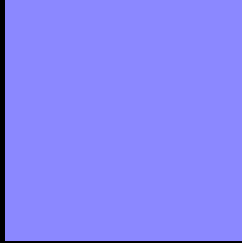
Large Text (above 18pt) WCAG AA × Fail

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 30.3173, 0.2255, 0.1823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

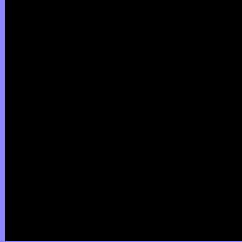
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3173, 0.2255, 0.1823

Background



This preview shows how black text looks on a background with the Yxy color 30.3173, 0.2255, 0.1823.



This preview shows how white text looks on a background with the Yxy color 30.3173, 0.2255, 0.1823.

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

30.3173, 0.2255, 0.1823

Protanopia

30.5445, 0.2068, 0.1874

Deuteranopia

30.7393, 0.1996, 0.1936



Tritanopia

30.2489, 0.2662, 0.3093

Trichromacy



Original Color

30.3173, 0.2255, 0.1823

Protanomaly

30.2108, 0.2127, 0.1847

Deuteranomaly

30.3589, 0.2070, 0.1890

Tritanomaly

29.9501, 0.2492, 0.2532

Monochromacy



Original Color

30.3173, 0.2255, 0.1823

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9926, 0.2754, 0.2659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3173, 0.2255, 0.1823 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(139, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 136, 255)  
}
```

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(139, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 136, 255) }
```

Border

The CSS property to change the border of an element to Yxy 30.3173, 0.2255, 0.1823 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(139, 136, 255) }
```

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

```
.border{ border-color:rgb(139, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 136,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3173, 0.2255, 0.1823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 136, 255) }
```

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

```
.background{ background-color: rgb(139,  
136, 255) }
```

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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