

Converting Colors

Yxy(31.4047, 0.2448, 0.2027)

Have a look what the booklet for
Yxy(31.4047, 0.2448, 0.2027)
contains.

| | |
|--|----|
| Yxy(31.4695, 0.2446, 0.2028) | 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(31.4695, 0.2446, 0.2028)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 998BEF |
| RGB | 153, 139, 239 |
| RGB Percent | 60%, 55%, 94% |
| CMY | 0.3999, 0.4549, 0.0627 |
| CMYK | 0.36, 0.42, 0.00, 0.06 |
| HSL | 248°, 76%, 74% |
| HSV | 248°, 42%, 94% |
| XYZ | 37.9558, 31.4695, 85.7497 |
| YIQ | 154.5860, -23.7560, 34.0680 |

Conversions

Conversions Part 2

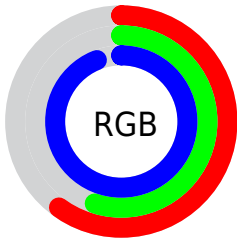
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 153, 139, 239 |
| Decimal | 10062831 |
| CIE Lab | 62.90, 28.10, -48.66 |
| CIE LCh | 63, 56.190, 300.011 |
| Yxy | 31.4695, 0.2446, 0.2028 |
| Android (android.graphics.Color) | 4288252911 (0xFF998BEF) |
| YUV | 154.5860, 41.6161, -1.3909 |
| Hunter-Lab | 56.0977, 22.6026, -51.3611 |

Details

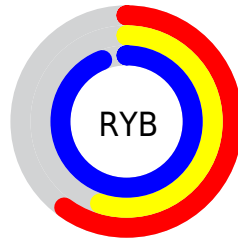
The Yxy color **31.4695, 0.2446, 0.2028** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.6118, 0.3649, 0.4363**, and the grayscale version is **32.4092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0616, 0.2826, 0.2620**, and **13.1188, 0.2242, 0.1725** is the 20% darker color. If you saturate the color by 10%, you get **23.4593, 0.2248, 0.1684**, and if you desaturate by 10%, it is **41.3392, 0.2636, 0.2368**.

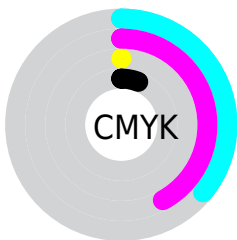
Distribution



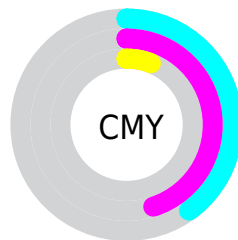
- Red (60%)
- Green (55%)
- Blue (94%)



- Red (60%)
- Yellow (55%)
- Blue (94%)



- Cyan (36%)
- Magenta (42%)
- Yellow (0%)
- Black (6%)





- Cyan (40%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4695, 0.2446, 0.2028 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 31.4695, 0.2446, 0.2028 by changing the saturation by 10% instead.


 31.4695, 0.2446,
0.2028


 31.4695, 0.2446,
0.2028


308.6955, 0.2805,
0.2635

 20.9566, 0.2354,
0.1888


 61.9785, 0.2579,
0.2241

 13.0923, 0.2235,
0.1717


 82.7434, 0.2628,
0.2323

 7.4921, 0.2079,
0.1503


 107.6945, 0.2670,
0.2393

 3.7717, 0.1866,
0.1234

137.2160, 0.2705,
0.2455

 1.5467, 0.1568,
0.0896

171.6925, 0.2736,
0.2508

 0.3213, 0.1161,
0.0373

211.5083, 0.2762,

 0.0000, 0.0000,

0.2555

0.0000

257.0479, 0.2785,
0.2597

■ 31.4695, 0.2446,
0.2028

■ 31.4695, 0.2446,
0.2028

■ 23.4593, 0.2248,
0.1684

■ 41.3392, 0.2636,
0.2368

■ 17.1878, 0.2051,
0.1355

■ 53.1718, 0.2811,
0.2689

■ 12.5254, 0.1870,
0.1067

■ 67.0675, 0.2967,
0.2982

■ 9.3226, 0.1718,
0.0841

■ 83.1183, 0.3104,
0.3245

■ 7.4011, 0.1607,
0.0693

■ 99.0132, 0.3220,
0.3444

■ 6.5658, 0.1547,
0.0626

Harmonies

Analogous

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



31.4695, 0.1893, 0.1991



31.4695, 0.2446, 0.2028



31.4695, 0.3277, 0.2309

Triad

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



31.4695, 0.2446, 0.2028



31.4695, 0.4835, 0.4009



31.4695, 0.2093, 0.3785

Complementary

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



31.4695, 0.2446, 0.2028



79.6118, 0.3649, 0.4363

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.



31.4695, 0.2792, 0.4668



31.4695, 0.2446, 0.2028



31.4695, 0.4379, 0.4607

Square

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



31.4695, 0.2446, 0.2028



31.4695, 0.4790, 0.3375



31.4695, 0.3628, 0.4945



31.4695, 0.1704, 0.2848

Rectangle

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



31.4695, 0.2446, 0.2028



31.4695, 0.3897, 0.2608



31.4695, 0.3628, 0.4945



31.4695, 0.2297, 0.4117

Sweetspot

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



31.4707, 0.2446, 0.2028



75.6333, 0.2949, 0.2949



65.9412, 0.2529, 0.3127



15.3943, 0.2916, 0.2885



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.



31.4707, 0.2446, 0.2028



28.5845, 0.2281, 0.1741



37.2994, 0.2850, 0.2158



15.3352, 0.3001, 0.3047



3.6606, 0.1556, 0.0631



0.3373, 0.1653, 0.0684

Inverse Universe

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



42.2510, 0.3301, 0.2388



42.6884, 0.3345, 0.2224



72.7996, 0.3298, 0.4499



15.9910, 0.3159, 0.3089



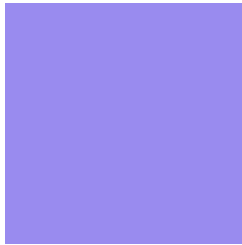
12.6035, 0.3599, 0.1756



1.0589, 0.3540, 0.1724

Previews

White Background



This preview shows how the Yxy color 31.4695, 0.2446, 0.2028 looks on a white background.

Color Contrast Check

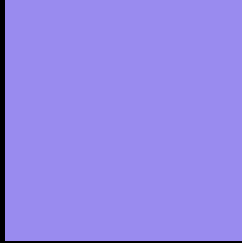
Large Text (above 18pt) WCAG AA × Fail

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 31.4695, 0.2446, 0.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

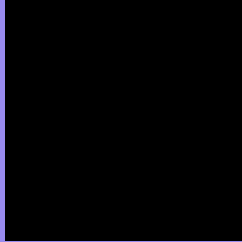
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4695, 0.2446, 0.2028

Background



This preview shows how black text looks on a background with the Yxy color 31.4695, 0.2446, 0.2028.



This preview shows how white text looks on a background with the Yxy color 31.4695, 0.2446, 0.2028.

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

31.4695, 0.2446, 0.2028

Protanopia

31.7829, 0.2164, 0.1994

Deuteranopia

31.7007, 0.2199, 0.2142



Tritanopia

31.5511, 0.2853, 0.3103

Trichromacy



Original Color

31.4695, 0.2446, 0.2028

Protanomaly

31.4326, 0.2254, 0.1995

Deuteranomaly

31.2669, 0.2274, 0.2089

Tritanomaly

31.1848, 0.2694, 0.2650

Monochromacy



Original Color

31.4695, 0.2446, 0.2028

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9101, 0.2846, 0.2757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4695, 0.2446, 0.2028 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, 139, 239)` looks like.

```
.text, #text, p{  
    color:rgb(153, 139, 239)  
}
```

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, 139, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 139, 239) }
```

Border

The CSS property to change the border of an element to Yxy 31.4695, 0.2446, 0.2028 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, 139, 239) }
```

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

```
.border{ border-color:rgb(153, 139, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 139, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 139, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 139, 239);  
box-shadow:4px 4px 4px 4px rgb(153, 139,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4695, 0.2446, 0.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 139, 239) }
```

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

```
.background{ background-color: rgb(153,  
139, 239) }
```

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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