

Converting Colors

YUV(121.6390, 54.9010,
31.0116)

Have a look what the booklet for
YUV(121.6390, 54.9010, 31.0116)
contains.

| | |
|--|----|
| YUV(121.6390, 54.9010, 31.0116) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(121.6390, 54.9010,
31.0116)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9D52E9 |
| RGB | 157, 82, 233 |
| RGB Percent | 62%, 32%, 91% |
| CMY | 0.3843, 0.6784, 0.0863 |
| CMYK | 0.33, 0.65, 0.00, 0.09 |
| HSL | 270°, 77%, 62% |
| HSV | 270°, 65%, 91% |
| XYZ | 31.6299, 19.0859, 79.1077 |
| YIQ | 121.6390, -3.7710, 62.8610 |

Conversions

Conversions Part 2

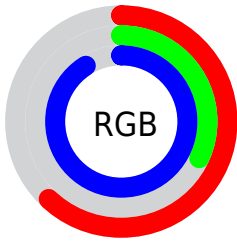
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 157, 82, 233 |
| Decimal | 10310377 |
| CIE Lab | 50.79, 58.61, -64.65 |
| CIE LCh | 51, 87.261, 312.197 |
| Yxy | 19.0859, 0.2436, 0.1470 |
| Android (android.graphics.Color) | 4288500457 (0xFF9D52E9) |
| YUV | 121.6390, 54.9010, 31.0116 |
| Hunter-Lab | 43.6874, 52.7820, -76.7792 |

Details

The YUV color **121.6390, 54.9010, 31.0116** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **193.3610, -54.9010, -31.0116**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4860, 40.1864, 37.2848**, and **64.9270, 54.7590, 29.8820** is the 20% darker color. If you saturate the color by 10%, you get **104.5500, 63.3258, 35.4747**, and if you desaturate by 10%, it is **138.7280, 46.4761, 26.5485**.

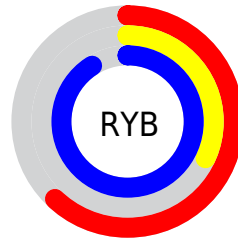
Distribution



Red (62%)

Green (32%)

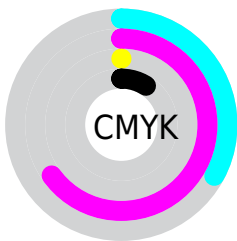
Blue (91%)



Red (62%)

Yellow (32%)

Blue (91%)

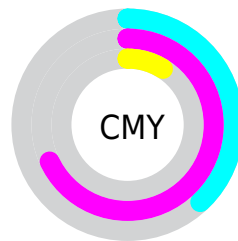


Cyan (33%)

Magenta (65%)

Yellow (0%)

Black (9%)



Cyan (38%)

Magenta (68%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6390, 54.9010, 31.0116 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 YUV color 121.6390, 54.9010, 31.0116 by changing the saturation by 10% instead.

121.6390, 54.9010,
31.0116

121.6390, 54.9010,
31.0116

255.0000, 0.0000,
0.0000

93.8130, 54.3222,
29.9820

173.4860, 40.1864,
37.2848

64.9270, 54.7590,
29.8820

198.3050, 27.9506,
41.8285

37.9160, 54.7644,
28.1377

217.4320, 18.5210,
32.9471

24.9710, 47.8353,
10.5494

234.4550, 10.1287,
18.0180

11.0580, 42.3694,
-9.6979

251.4780, 1.7363,
3.0888

8.2080, 31.4495,
-7.1984

7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 121.6390, 54.9010,
31.0116

■ 121.6390, 54.9010,
31.0116

■ 104.5500, 63.3258,
35.4747

■ 138.7280, 46.4761,
26.5485

■ 87.1730, 71.8927,
41.0673

■ 156.1050, 37.9092,
20.9559

■ 70.0840, 80.3176,
45.5303

■ 173.1940, 29.4844,
16.4929

■ 61.2460, 84.6747,
48.0193

■ 190.2830, 21.0595,
12.0298

■ 207.9590, 12.3452,
7.0520

■ 224.7490, 4.0677,
1.9741

■ 241.8380, -4.3571,
-2.4889

■ 251.2960, -9.0199,
-0.2596

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



121.6390, 54.9010, 31.0116



87.0250, 39.9207, 122.7581

Triad

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



121.6390, 54.9010, 31.0116



114.0040, -56.2040, 60.5095



105.8510, 22.2585, -92.8313

Complementary

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



121.6390, 54.9010, 31.0116



193.3610, -54.9010, -31.0116

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.



95.6710, -11.6698, -83.9035



121.6390, 54.9010, 31.0116



110.4290, -54.4415, 8.3938

Square

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



121.6390, 54.9010, 31.0116



101.8080, -41.8103, 110.6704



83.3540, -41.0935, -73.1015



113.2440, 53.1237, -99.3150

Rectangle

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



121.6390, 54.9010, 31.0116



86.8210, 15.8642, 138.7230



83.3540, -41.0935, -73.1015



102.8870, 10.9017, -90.2319

Sweetspot

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



121.6390, 54.9010, 31.0116



219.6480, 17.4285, 9.9557



145.0000, 43.3840, -55.2510



105.9050, 10.8928, 6.2223



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



121.6390, 54.9010, 31.0116



108.2870, 72.3295, 40.9673



143.4660, 44.1403, 75.8903



108.7490, 4.0677, 1.9741



47.5440, 65.7938, 37.2339



14.2290, 19.6071, 11.2002

Inverse Universe

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



135.8130, 10.9382, 85.2330



126.9010, 14.3458, 112.3428



171.5340, -44.1403, -75.8903



109.8590, 0.5625, 6.2627



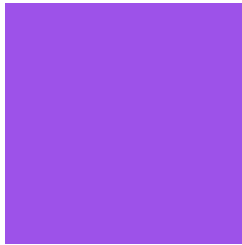
64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 121.6390, 54.9010, 31.0116 looks on a white background.

Color Contrast Check

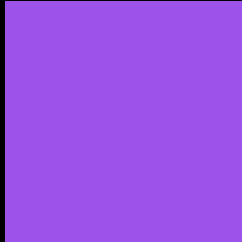
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 121.6390, 54.9010, 31.0116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

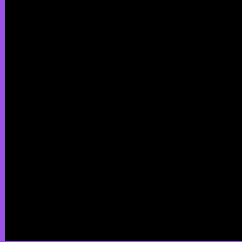
Any Text WCAG AA ✓ Pass

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](#).

YUV 121.6390, 54.9010, 31.0116 Background



This preview shows how black text looks on a background with the YUV color 121.6390, 54.9010, 31.0116.



This preview shows how white text looks on a background with the YUV color 121.6390, 54.9010, 31.0116.

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

121.6390, 54.9010, 31.0116

Protanopia

96.8370, 74.0304, -84.9260

Deuteranopia

96.9390, 59.1901, -85.0155



Tritanopia

122.3050, 0.8356, 12.0105

Trichromacy



Original Color

121.6390, 54.9010, 31.0116



Protanomaly

105.6790, 67.2063, -42.6915



Deuteranomaly

105.8610, 57.7495, -42.8511



Tritanomaly

122.2130, 20.6010, 19.1072

Monochromacy



Original Color

121.6390, 54.9010, 31.0116



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.6420, 19.8965, 11.7150

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6390, 54.9010, 31.0116 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(157, 82, 233)` looks like.

```
.text, #text, p{  
    color:rgb(157, 82, 233)  
}
```

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(157, 82, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 82, 233) }
```

Border

The CSS property to change the border of an element to YUV 121.6390, 54.9010, 31.0116 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(157, 82, 233) }
```


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

```
.border{ border-color:rgb(157, 82, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 82, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 82, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 82, 233);  
box-shadow:4px 4px 4px 4px rgb(157, 82,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 121.6390, 54.9010, 31.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 82, 233) }
```

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

```
.background{ background-color: rgb(157, 82,  
233) }
```

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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