

Converting Colors

YUV(98.0970, 56.6472,
-15.8711)

Have a look what the booklet for
YUV(98.0970, 56.6472, -15.8711)
contains.

YUV(98.0970, 56.6472, -15.8711)	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(98.0970, 56.6472,
-15.8711)**

Conversions

Conversions Part 1

Format	Color
Hex	5055D5
RGB	80, 85, 213
RGB Percent	31%, 33%, 84%
CMY	0.6863, 0.6667, 0.1647
CMYK	0.62, 0.60, 0.00, 0.16
HSL	238°, 61%, 57%
HSV	238°, 62%, 84%
XYZ	18.5670, 13.0066, 64.4827
YIQ	98.0970, -44.0680, 38.7480

Conversions

Conversions Part 2

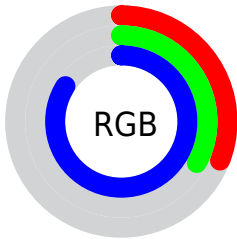
Format	Color
R_{YB}	80, 85, 213
Decimal	5264853
CIE _{Lab}	42.77, 36.78, -66.62
CIE _{LCh}	43, 76.101, 298.904
Yxy	13.0066, 0.1933, 0.1354
Android (android.graphics.Color)	4283454933 (0xFF5055D5)
YUV	98.0970, 56.6472, -15.8711
Hunter-Lab	36.0646, 28.7834, -80.7639

Details

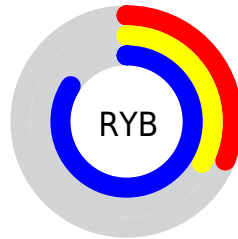
The YUV color **98.0970, 56.6472, -15.8711** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **194.9030, -56.6472, 15.8711**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7730, 51.3839, -7.6939**, and **41.3780, 57.0016, -36.2885** is the 20% darker color. If you saturate the color by 10%, you get **80.0780, 65.5305, -18.4854**, and if you desaturate by 10%, it is **116.1160, 47.7638, -13.2567**.

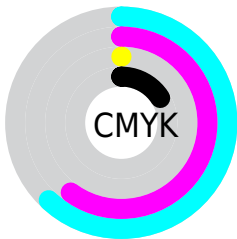
Distribution



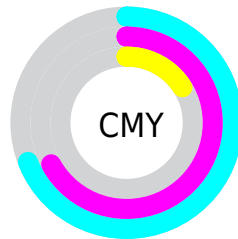
- Red (31%)
- Green (33%)
- Blue (84%)



- Red (31%)
- Yellow (33%)
- Blue (84%)



- Cyan (62%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0970, 56.6472, -15.8711 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 98.0970, 56.6472, -15.8711 by changing the saturation by 10% instead.

■ 98.0970, 56.6472,
-15.8711

■ 98.0970, 56.6472,
-15.8711

255.0000, 0.0000,
0.0000

■ 70.6400, 56.3795,
-23.3633

■ 150.7730, 51.3839,
-7.6939

■ 41.3780, 57.0016,
-36.2885

■ 174.7060, 39.5849,
-3.2502

■ 26.5600, 50.9959,
-23.2931

■ 199.5250, 27.3492,
1.2936

■ 11.8560, 45.4270,
-10.3977

■ 225.2300, 14.6766,
5.9373

■ 12.5280, 32.7707,
-10.9871

■ 249.1300, 2.8939,
5.1480

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 98.0970, 56.6472,
-15.8711

■ 98.0970, 56.6472,
-15.8711

■ 80.0780, 65.5305,
-18.4854

■ 116.1160, 47.7638,
-13.2567

■ 61.1730, 74.8507,
-21.1997

■ 135.0210, 38.4436,
-10.5424

■ 43.1540, 83.7341,
-23.8141

■ 153.0400, 29.5603,
-7.9281

■ 28.9780, 90.7228,
-25.4137

■ 171.6460, 20.3875,
-5.8285

■ 189.9640, 11.3567,
-2.5994

■ 208.5700, 2.1840,
-0.4999

■ 226.5890, -6.6994,
2.1144

■ 245.1950,
-15.8721, 4.2140

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



91.2630, 67.9043, -80.0377



98.0970, 56.6472, -15.8711



93.6470, 36.1630, 67.8386

Triad

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



98.0970, 56.6472, -15.8711



91.9310, -45.3220, 70.2205



85.0200, 5.9061, -74.5625

Complementary

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



98.0970, 56.6472, -15.8711



194.9030, -56.6472, 15.8711

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.



74.5780, -23.9490, -65.4049



98.0970, 56.6472, -15.8711



95.2000, -46.9336, 27.0116

Square

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



98.0970, 56.6472, -15.8711



73.1590, -13.8824, 112.9936



85.4560, -42.1298, -20.5709



92.9030, 33.5718, -81.4759

Rectangle

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



98.0970, 56.6472, -15.8711



73.6800, 26.2868, 109.0286



85.4560, -42.1298, -20.5709



81.9250, -3.4140, -71.8482

Sweetspot

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



98.0970, 56.6472, -15.8711



213.0590, 20.6769, -5.3137



172.4350, 16.5475, -81.0655



102.0070, 12.8145, -3.5141



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.



98.0970, 56.6472, -15.8711



89.8830, 81.4027, -22.6994



113.1020, 49.2497, 23.5895



97.8410, 4.5154, -1.6146



23.0160, 72.9561, -20.1850



6.0760, 18.2035, -5.3287

Inverse Universe

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



120.3370, -17.4211, 81.2655



121.9070, -25.0972, 116.7226



179.8980, -49.2497, -23.5895



99.4030, -1.1847, 6.6626



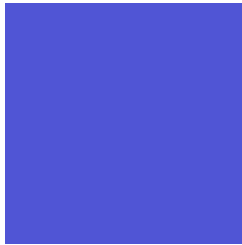
51.8130, -22.5858, 104.5270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 98.0970, 56.6472, -15.8711 looks on a white background.

Color Contrast Check

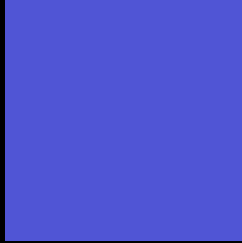
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 98.0970, 56.6472, -15.8711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

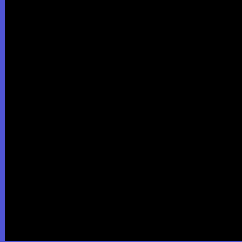
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0970, 56.6472, -15.8711

Background



This preview shows how black text looks on a background with the YUV color 98.0970, 56.6472, -15.8711.



This preview shows how white text looks on a background with the YUV color 98.0970, 56.6472, -15.8711.

-15.8711.

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

98.0970, 56.6472, -15.8711

Protanopia

80.3090, 61.4727, -70.4310

Deuteranopia

80.6390, 47.5060, -70.7204



Tritanopia

87.2090, 16.1660, -51.9263

Trichromacy



Original Color

98.0970, 56.6472, -15.8711

Protanomaly

86.9740, 59.6658, -50.8432

Deuteranomaly

86.6830, 50.9353, -50.5880

Tritanomaly

91.4830, 30.8209, -39.0116

Monochromacy



Original Color

98.0970, 56.6472, -15.8711

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7600, 20.8243, -5.9285

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0970, 56.6472, -15.8711 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(80, 85, 213)` looks like.

```
.text, #text, p{  
    color:rgb(80, 85, 213)  
}
```

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(80, 85, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 85, 213) }
```

Border

The CSS property to change the border of an element to YUV 98.0970, 56.6472, -15.8711 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(80, 85, 213) }
```


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

```
.border{ border-color:rgb(80, 85, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 85, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 85, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 85, 213);  
box-shadow:4px 4px 4px 4px rgb(80, 85,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 98.0970, 56.6472, -15.8711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 85, 213) }
```

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

```
.background{ background-color: rgb(80, 85,  
213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor