

Converting Colors

YUV(115.7730, -26.0171,
-8.5709)

Have a look what the booklet for
YUV(115.7730, -26.0171, -8.5709)
contains.

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Color

**YUV(115.7730, -26.0171,
-8.5709)**

Conversions

Conversions Part 1

Format	Color
Hex	6A833F
RGB	106, 131, 63
RGB Percent	42%, 51%, 25%
CMY	0.5843, 0.4863, 0.7529
CMYK	0.19, 0.00, 0.52, 0.49
HSL	82°, 35%, 38%
HSV	82°, 52%, 51%
XYZ	14.9574, 19.6557, 7.7082
YIQ	115.7730, 6.9280, -26.4480

Conversions

Conversions Part 2

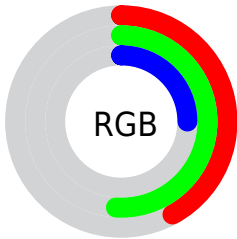
Format	Color
RYB	63, 131, 88
Decimal	6980415
CIELab	51.45, -20.77, 33.55
CIELCh	51, 39.458, 121.759
Yxy	19.6557, 0.3534, 0.4644
Android (android.graphics.Color)	4285170495 (0xFF6A833F)
YUV	115.7730, -26.0171, -8.5709
Hunter-Lab	44.3347, -17.3645, 20.7259

Details

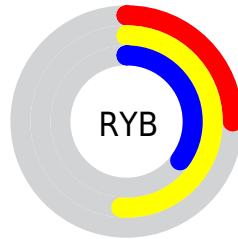
The YUV color $[115.7730, -26.0171, -8.5709]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[78.2270, 26.0171, 8.5709]$, and the grayscale version is $[116.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[168.3170, -27.7643, -8.1710]$, and $[66.0010, -25.1435, -8.7709]$ is the 20% darker color. If you saturate the color by 10%, you get $[112.7960, -30.9584, -10.3451]$, and if you desaturate by 10%, it is $[118.7500, -21.0757, -6.7967]$.

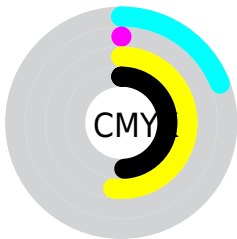
Distribution



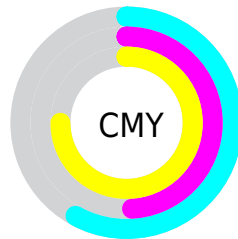
- Red (42%)
- Green (51%)
- Blue (25%)



- Red (25%)
- Yellow (51%)
- Blue (35%)



- Cyan (19%)
- Magenta (0%)
- Yellow (52%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7730, -26.0171, -8.5709 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 115.7730, -26.0171, -8.5709 by changing the saturation by 10% instead.

■ 115.7730,
-26.0171, -8.5709

■ 115.7730,
-26.0171, -8.5709

■ 255.0000, 0.0000,
0.0000

■ 90.8870, -25.5803,
-8.6709

■ 168.3170,
-27.7643, -8.1710

■ 66.0010, -25.1435,
-8.7709

■ 195.7900,
-28.4905, -8.5858

■ 44.2120, -21.7965,
-8.9559

■ 223.6760,
-28.9273, -8.4859

■ 23.8120, -11.7393,
-14.7441

■ 244.3440,
-25.3126, -1.1787

■ 5.8700, -2.8939,
-5.1480

■ 251.1240,
-14.8511, 3.3993

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,

0.5999

■ 115.7730,
-26.0171, -8.5709

■ 115.7730,
-26.0171, -8.5709

■ 112.7960,
-30.9584, -10.3451

■ 118.7500,
-21.0757, -6.7967

■ 109.8190,
-35.8998, -12.1193

■ 121.7270,
-16.1344, -5.0226

■ 107.1410,
-40.9885, -13.2787

■ 124.4050,
-11.0457, -3.8632

■ 104.1640,
-45.9299, -15.0528

■ 127.3820, -6.1043,
-2.0890

■ 101.7140,
-50.1450, -16.4122

■ 130.4730, -0.7262,
-0.4148

■ 133.4500, 4.2152,
1.3594

■ 136.4270, 9.1565,
3.1335

■ 139.4040, 14.0978,
4.9077

■ 142.0820, 19.1866,
6.0671

Harmonies

Analogous

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



119.2280, -32.6504, 19.0940



115.7730, -26.0171, -8.5709



109.1030, -9.9108, -41.3093

Triad

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



115.7730, -26.0171, -8.5709



99.2920, 40.2820, -87.0791



124.1020, -1.0363, 52.5305

Complementary

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



115.7730, -26.0171, -8.5709



78.2270, 26.0171, 8.5709

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.



126.0040, 14.2950, 35.0765



115.7730, -26.0171, -8.5709



114.7690, 37.0889, -42.7704

Square

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



115.7730, -26.0171, -8.5709



99.4910, 28.3519, -87.2536



125.1230, 27.0544, 2.5231



122.6880, -16.6082, 53.7706

Rectangle

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



115.7730, -26.0171, -8.5709



94.3610, 8.6960, -82.7546



125.1230, 27.0544, 2.5231



124.7470, 4.0687, 48.4569

Sweetspot

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



115.7730, -26.0171, -8.5709



164.9320, -10.3195, -3.4484



98.0070, -17.2585, 28.9349



83.2680, -6.5411, -1.9890



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



115.7730, -26.0171, -8.5709



147.2550, -40.5517, -13.3786



105.6070, -21.0053, -29.4733



64.7180, -2.3260, -0.6297



100.8280, -49.7082, -16.5122



2.3590, -1.1630, -0.3148

Inverse Universe

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



78.2270, 26.0171, 8.5709



88.7450, 40.5517, 13.3786



88.3930, 21.0053, 29.4733



61.2820, 2.3260, 0.6297



29.1720, 49.7082, 16.5122



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 115.7730, -26.0171, -8.5709 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 115.7730, -26.0171, -8.5709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

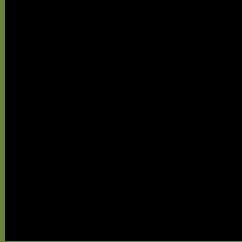
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.7730, -26.0171, -8.5709

Background



This preview shows how black text looks on a background with the YUV color 115.7730, -26.0171, -8.5709.



This preview shows how white text looks on a background with the YUV color 115.7730, -26.0171, -8.5709.

-8.5709.

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

115.7730, -26.0171, -8.5709

Protanopia

118.8190, -28.9978, 14.1907

Deuteranopia

121.1670, -26.7043, 25.2865



Tritanopia

121.7480, 5.5472, -5.9180

Trichromacy



Original Color

115.7730, -26.0171, -8.5709

Protanomaly

117.4050, -27.8077, 5.7838

Deuteranomaly

119.2040, -26.2296, 12.9761

Tritanomaly

119.7620, -5.7987, -6.8073

Monochromacy



Original Color

115.7730, -26.0171, -8.5709

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.5730, -9.1565, -3.1335

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7730, -26.0171, -8.5709 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(106, 131, 63)` looks like.

```
.text, #text, p{  
    color:rgb(106, 131, 63)  
}
```

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(106, 131, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 131, 63) }
```

Border

The CSS property to change the border of an element to YUV 115.7730, -26.0171, -8.5709 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(106, 131, 63) }
```


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

```
.border{ border-color:rgb(106, 131, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 131, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 131, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 131, 63);  
box-shadow:4px 4px 4px 4px rgb(106, 131,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 115.7730, -26.0171, -8.5709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 131, 63) }
```

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

```
.background{ background-color: rgb(106,  
131, 63) }
```

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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