

Converting Colors

YUV(158.2000, -74.0486,
-2.8064)

Have a look what the booklet for
YUV(158.2000, -74.0486, -2.8064)
contains.

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Color

**YUV(158.2000, -74.0486,
-2.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	9BBD08
RGB	155, 189, 8
RGB Percent	61%, 74%, 3%
CMY	0.3922, 0.2588, 0.9686
CMYK	0.18, 0.00, 0.96, 0.26
HSL	71°, 92%, 39%
HSV	71°, 96%, 74%
XYZ	31.7590, 43.3813, 6.9293
YIQ	158.2000, 37.8370, -63.4990

Conversions

Conversions Part 2

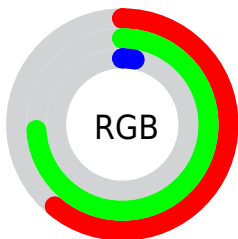
Format	Color
R _Y B	8, 189, 42
Decimal	10206472
CIE Lab	71.81, -31.54, 71.55
CIE LCh	72, 78.197, 113.791
Yxy	43.3813, 0.3870, 0.5286
Android (android.graphics.Color)	4288396552 (0xFF9BBD08)
YUV	158.2000, -74.0486, -2.8064
Hunter-Lab	65.8645, -29.1924, 39.8675

Details

The YUV color **158.2000, -74.0486, -2.8064** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **38.8000, 74.0486, 2.8064**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9640, -66.0443, -3.4764**, and **109.1340, -53.8031, -9.7645** is the 20% darker color. If you saturate the color by 10%, you get **156.6900, -77.2482, -3.2361**, and if you desaturate by 10%, it is **161.5620, -66.3391, -2.2469**.

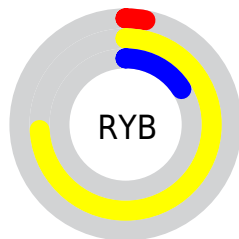
Distribution



Red (61%)

Green (74%)

Blue (3%)



Red (3%)

Yellow (74%)

Blue (16%)

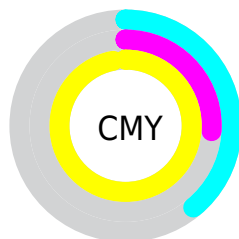


Cyan (18%)

Magenta (0%)

Yellow (96%)

Black (26%)



Cyan (39%)

Magenta (26%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2000, -74.0486, -2.8064 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 158.2000, -74.0486, -2.8064 by changing the saturation by 10% instead.

■ 158.2000,
-74.0486, -2.8064

■ 158.2000,
-74.0486, -2.8064

■ 255.0000, 0.0000,
0.0000

■ 133.0670,
-65.6020, -5.3208

■ 216.9640,
-66.0443, -3.4764

■ 109.1340,
-53.8031, -9.7645

■ 234.9960,
-61.1300, 7.0195

■ 85.7990, -42.2989,
-12.9787

■ 241.8900,
-50.2318, 11.4975

■ 63.0400, -31.0787,
-18.4521

■ 245.0820,
-38.0014, 8.6981

■ 39.0850, -19.2689,
-26.3845

■ 248.3880,
-25.3343, 5.7987

■ 23.4800, -11.5756,
-20.5920

■ 251.6940,

■ 7.0440, -3.4727,

-12.6671, 2.8994

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 158.2000,
-74.0486, -2.8064

■ 158.2000,
-74.0486, -2.8064

■ 156.6900,
-77.2482, -3.2361

■ 161.5620,
-66.3391, -2.2469

■ 164.6250,
-58.4821, -2.3021

■ 167.9870,
-50.7726, -1.7426

■ 171.0500,
-42.9156, -1.7978

■ 174.4120,
-35.2061, -1.2383

■ 177.3610,
-27.7860, -1.1936

■ 180.7230,
-20.0764, -0.6341

■ 183.7860,
-12.2195, -0.6893

■ 187.1480, -4.5100,
-0.1298

Harmonies

Analogous

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



164.9940, -81.3420, 49.9943



158.2000, -74.0486, -2.8064



142.1320, -27.6731, -84.3078

Triad

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



158.2000, -74.0486, -2.8064



148.2310, 52.6371, -129.9986



159.4090, 17.0534, 83.8333

Complementary

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



158.2000, -74.0486, -2.8064



38.8000, 74.0486, 2.8064

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.



179.2330, 37.3531, 59.4317



158.2000, -74.0486, -2.8064



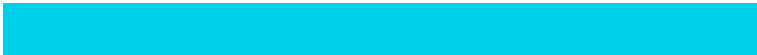
140.0130, 56.6886, -122.7914

Square

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



158.2000, -74.0486, -2.8064



149.1310, 40.8544, -130.7879



167.8070, 42.9861, -20.8787



154.2500, -15.4062, 88.3578

Rectangle

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



158.2000, -74.0486, -2.8064



136.0840, -1.5204, -119.3457



167.8070, 42.9861, -20.8787



165.6670, 25.8002, 78.3450

Sweetspot

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



158.2000, -74.0486, -2.8064



232.7200, -28.9490, -1.5084



81.4900, -36.2306, 94.2863



114.8200, -17.1663, -0.7191



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



158.2000, -74.0486, -2.8064



203.3160, -100.2348, -3.7851



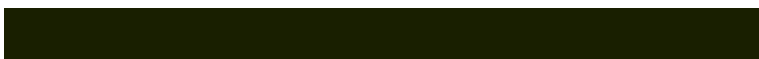
131.2900, -60.7820, -58.1363



92.6750, -3.7838, 0.2850



131.0180, -64.5919, -2.6468



25.6720, -12.6563, -0.5893

Inverse Universe

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



38.8000, 74.0486, 2.8064



41.6840, 100.2348, 3.7851



65.7100, 60.7820, 58.1363



86.6240, 3.6364, 0.3298



26.9820, 64.5919, 2.6468



5.3280, 12.6563, 0.5893

Previews

White Background



This preview shows how the YUV color 158.2000, -74.0486, -2.8064 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 YUV color 158.2000, -74.0486, -2.8064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

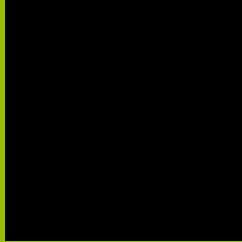
Any Text WCAG AA ✓ Pass

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](#).

YUV 158.2000, -74.0486, -2.8064 Background



This preview shows how black text looks on a background with the YUV color 158.2000, -74.0486, -2.8064.



This preview shows how white text looks on a background with the YUV color 158.2000, -74.0486, -2.8064.

-2.8064.

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

158.2000, -74.0486, -2.8064

Protanopia

162.5140, -80.1194, 31.1212

Deuteranopia

167.3970, -65.7647, 47.0098



Tritanopia

175.8020, 6.9996, -5.0884

Trichromacy



Original Color

158.2000, -74.0486, -2.8064

Protanomaly

161.0070, -77.8975, 18.4109

Deuteranomaly

163.8910, -68.4733, 29.0366

Tritanomaly

169.7180, -22.5390, -4.1377

Monochromacy



Original Color

158.2000, -74.0486, -2.8064

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8880, -27.0598, -0.7788

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2000, -74.0486, -2.8064 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(155, 189, 8)` looks like.

```
.text, #text, p{  
    color:rgb(155, 189, 8)  
}
```

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(155, 189, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 189, 8) }
```

Border

The CSS property to change the border of an element to YUV 158.2000, -74.0486, -2.8064 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(155, 189, 8) }
```


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

```
.border{ border-color:rgb(155, 189, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 189, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 189, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 189, 8);  
box-shadow:4px 4px 4px 4px rgb(155, 189,  
8) }
```

Background

The CSS property to change the background color of an element to YUV 158.2000, -74.0486, -2.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 189, 8) }
```

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

```
.background{ background-color: rgb(155,  
189, 8) }
```

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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