

Converting Colors

YUV(121.4340, -51.9790,
11.8974)

Have a look what the booklet for
YUV(121.4340, -51.9790, 11.8974)
contains.

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Color

**YUV(121.4340, -51.9790,
11.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	878710
RGB	135, 135, 16
RGB Percent	53%, 53%, 6%
CMY	0.4706, 0.4706, 0.9373
CMYK	0.00, 0.00, 0.88, 0.47
HSL	60°, 79%, 30%
HSV	60°, 88%, 53%
XYZ	18.7492, 22.5163, 3.8481
YIQ	121.4340, 38.1990, -37.0090

Conversions

Conversions Part 2

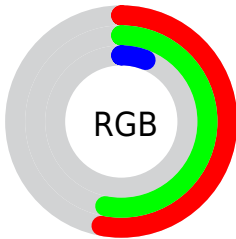
Format	Color
RYB	16, 135, 16
Decimal	8881936
CIELab	54.57, -13.12, 56.04
CIELCh	55, 57.556, 103.179
Yxy	22.5163, 0.4156, 0.4991
Android (android.graphics.Color)	4287072016 (0xFF878710)
YUV	121.4340, -51.9790, 11.8974
Hunter-Lab	47.4513, -12.5100, 28.4077

Details

The YUV color **121.4340, -51.9790, 11.8974** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **29.5660, 51.9790, -11.8974**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0150, -49.8004, 13.1418**, and **74.7010, -36.8276, 5.5242** is the 20% darker color. If you saturate the color by 10%, you get **119.8380, -58.0941, 13.2971**, and if you desaturate by 10%, it is **122.9160, -46.3006, 10.5977**.

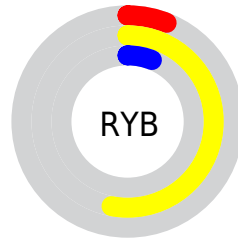
Distribution



Red (53%)

Green (53%)

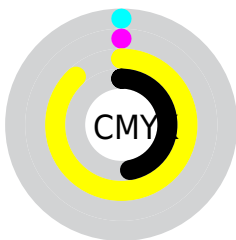
Blue (6%)



Red (6%)

Yellow (53%)

Blue (6%)

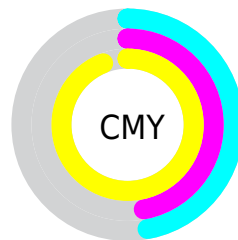


Cyan (0%)

Magenta (0%)

Yellow (88%)

Black (47%)



Cyan (47%)

Magenta (47%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4340, -51.9790, 11.8974 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 121.4340, -51.9790, 11.8974 by changing the saturation by 10% instead.

■ 121.4340,
-51.9790, 11.8974

■ 121.4340,
-51.9790, 11.8974

■ 255.0000, 0.0000,
0.0000

■ 96.8620, -47.7530,
9.7680

■ 176.0150,
-49.8004, 13.1418

■ 74.7010, -36.8276,
5.5242

■ 204.0860,
-50.8214, 13.9566

■ 53.4260, -26.3390,
1.3804

■ 232.5700,
-51.5530, 15.2861

■ 33.0370, -16.2872,
-2.6634

■ 243.6000,
-43.6798, 9.9978

■ 12.9140, -6.3666,
-11.3256

■ 246.7920,
-31.4495, 7.1984

■ 0.0000, 0.0000,
0.0000

■ 250.0980,

-18.7823, 4.2991

■ 253.4040, -6.1152,
1.3997

■ 121.4340,
-51.9790, 11.8974

■ 121.4340,
-51.9790, 11.8974

■ 119.8380,
-58.0941, 13.2971

■ 122.9160,
-46.3006, 10.5977

■ 119.6100,
-58.9677, 13.4970

■ 124.5120,
-40.1854, 9.1980

■ 126.1080,
-34.0702, 7.7983

■ 127.5900,
-28.3919, 6.4986

■ 129.1860,
-22.2767, 5.0989

■ 130.6680,
-16.5983, 3.7992

■ 132.1500,
-10.9199, 2.4995

■ 133.7460, -4.8048,
1.0998

■ 135.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



125.4520, -49.0298, 46.0846



121.4340, -51.9790, 11.8974



114.9520, -31.0353, -32.4069

Triad

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



121.4340, -51.9790, 11.8974



111.7960, 42.4986, -98.0451



131.0170, 14.7816, 65.7601

Complementary

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



121.4340, -51.9790, 11.8974



29.5660, 51.9790, -11.8974

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.



134.2040, 34.4094, 23.5001



121.4340, -51.9790, 11.8974



110.2920, 57.0440, -96.7261

Square

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



121.4340, -51.9790, 11.8974



107.7260, 21.8271, -94.4757



122.3460, 52.0874, -46.7844



126.5680, -7.6750, 81.9399

Rectangle

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



121.4340, -51.9790, 11.8974



98.0990, -7.4438, -86.0328



122.3460, 52.0874, -46.7844



132.9600, 21.2187, 54.4091

Sweetspot

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



121.4340, -51.9790, 11.8974



170.7560, -20.0927, 4.5990



51.5810, -17.5414, 73.1585



85.9220, -11.7935, 2.6994



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



121.4340, -51.9790, 11.8974



155.9360, -76.8764, 17.5961



103.7930, -43.2819, -24.3745



65.3160, -2.6208, 0.5999



115.1800, -56.7837, 12.9971



2.6580, -1.3104, 0.2999

Inverse Universe

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



29.5660, 51.9790, -11.8974



20.0640, 76.8764, -17.5961



47.5060, 43.1345, 24.9892



60.6840, 2.6208, -0.5999



14.8200, 56.7837, -12.9971



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 121.4340, -51.9790, 11.8974 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 121.4340, -51.9790, 11.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

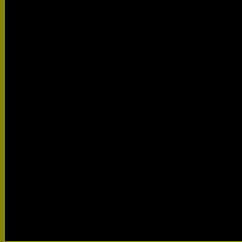
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.4340, -51.9790, 11.8974

Background



This preview shows how black text looks on a background with the YUV color 121.4340, -51.9790, 11.8974.



This preview shows how white text looks on a background with the YUV color 121.4340, -51.9790, 11.8974.

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

121.4340, -51.9790, 11.8974

Protanopia

122.5600, -53.0271, 21.4339

Deuteranopia

124.9730, -49.2867, 35.1037



Tritanopia

132.4080, 1.2779, 10.1662

Trichromacy



Original Color

121.4340, -51.9790, 11.8974

Protanomaly

121.9510, -52.7268, 18.4600

Deuteranomaly

123.6900, -50.1332, 26.5819

Tritanomaly

128.3700, -17.9304, 11.0765

Monochromacy



Original Color

121.4340, -51.9790, 11.8974

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0980, -18.7823, 4.2991

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4340, -51.9790, 11.8974 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(135, 135, 16)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 16)  
}
```

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(135, 135, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 16) }
```

Border

The CSS property to change the border of an element to YUV 121.4340, -51.9790, 11.8974 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(135, 135, 16) }
```


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

```
.border{ border-color:rgb(135, 135, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 135, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 135, 16);  
box-shadow:4px 4px 4px 4px rgb(135, 135,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 121.4340, -51.9790, 11.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 16) }
```

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

```
.background{ background-color: rgb(135,  
135, 16) }
```

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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