

Converting Colors

YUV(131.9510, -59.6288,
-7.8500)

Have a look what the booklet for
YUV(131.9510, -59.6288, -7.8500)
contains.

YUV(131.9510, -59.6288, -7.8500)	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(131.9510, -59.6288,
-7.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA00B
RGB	123, 160, 11
RGB Percent	48%, 63%, 4%
CMY	0.5176, 0.3725, 0.9569
CMYK	0.23, 0.00, 0.93, 0.37
HSL	75°, 87%, 34%
HSV	75°, 93%, 63%
XYZ	20.7996, 29.3767, 4.8906
YIQ	131.9510, 25.7770, -54.1830

Conversions

Conversions Part 2

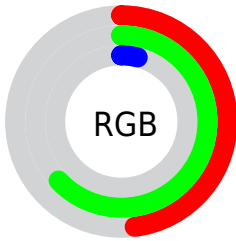
Format	Color
RYB	11, 160, 48
Decimal	8101899
CIELab	61.11, -31.08, 61.86
CIElCh	61, 69.226, 116.673
Yxy	29.3767, 0.3777, 0.5335
Android (android.graphics.Color)	4286291979 (0xFF7BA00B)
YUV	131.9510, -59.6288, -7.8500
Hunter-Lab	54.2003, -26.3504, 32.5903

Details

The YUV color **131.9510, -59.6288, -7.8500** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **39.0490, 59.6288, 7.8500**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5040, -54.9715, -8.3350**, and **83.7280, -41.2779, -13.7935** is the 20% darker color. If you saturate the color by 10%, you get **129.8000, -63.9914, -8.5946**, and if you desaturate by 10%, it is **134.9710, -53.2297, -6.9906**.

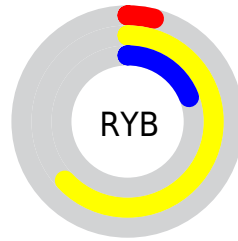
Distribution



Red (48%)

Green (63%)

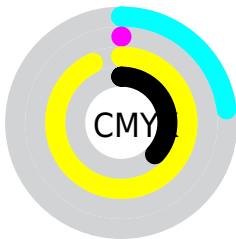
Blue (4%)



Red (4%)

Yellow (63%)

Blue (19%)

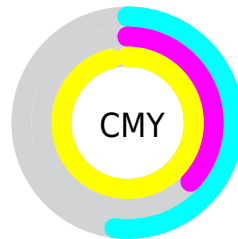


Cyan (23%)

Magenta (0%)

Yellow (93%)

Black (37%)



Cyan (52%)

Magenta (37%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9510, -59.6288, -7.8500 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 131.9510, -59.6288, -7.8500 by changing the saturation by 10% instead.

■ 131.9510,
-59.6288, -7.8500

■ 131.9510,
-59.6288, -7.8500

■ 255.0000, 0.0000,
0.0000

■ 107.3620,
-52.9295, -9.9645

■ 188.5040,
-54.9715, -8.3350

■ 83.7280, -41.2779,
-13.7935

■ 216.6890,
-55.5557, -7.6203

■ 61.5670, -30.3525,
-18.0373

■ 235.8950,
-51.2202, 1.8461

■ 37.6120, -18.5427,
-25.9697

■ 244.1700,
-41.4958, 9.4979

■ 22.8930, -11.2862,
-20.0772

■ 247.3620,
-29.2655, 6.6985

■ 4.6960, -2.3151,
-4.1184

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

131.9510,
-59.6288, -7.8500

131.9510,
-59.6288, -7.8500

129.8000,
-63.9914, -8.5946

134.9710,
-53.2297, -6.9906

137.9910,
-46.8306, -6.1311

141.0110,
-40.4314, -5.2716

144.0310,
-34.0323, -4.4122

147.0510,
-27.6331, -3.5527

■ 150.0710,
-21.2340, -2.6933

■ 153.0910,
-14.8349, -1.8338

■ 156.1110, -8.4357,
-0.9743

■ 159.1310, -2.0366,
-0.1149

Harmonies

Analogous

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



137.7720, -67.9216, 38.7880



131.9510, -59.6288, -7.8500



108.7530, -16.1472, -94.4994

Triad

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



131.9510, -59.6288, -7.8500



128.1760, 59.5662, -112.4104



142.2550, 7.2693, 95.3694

Complementary

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



131.9510, -59.6288, -7.8500



39.0490, 59.6288, 7.8500

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.



150.2450, 32.4172, 55.9131



131.9510, -59.6288, -7.8500



121.2290, 65.9491, -106.3178

Square

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



131.9510, -59.6288, -7.8500



125.6390, 37.1530, -110.1854



147.1960, 53.1474, -13.3269



140.0080, -21.6959, 99.0940

Rectangle

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



131.9510, -59.6288, -7.8500



115.4760, 0.7513, -101.2725



147.1960, 53.1474, -13.3269



145.0780, 15.7375, 85.8776

Sweetspot

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



131.9510, -59.6288, -7.8500



198.2020, -23.2706, -2.8082



76.0960, -32.0923, 73.5838



98.2050, -14.3981, -1.9338



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



131.9510, -59.6288, -7.8500



169.6260, -83.6256, -11.0730



110.4230, -49.0155, -52.1140



77.4900, -3.1996, -0.4297



115.9340, -57.1555, -7.8351



12.3930, -6.1097, -0.3447

Inverse Universe

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



39.0490, 59.6288, 7.8500



39.3740, 83.6256, 11.0730



60.5770, 49.0155, 52.1140



72.5100, 3.1996, 0.4297



26.7670, 57.3029, 7.2203



2.9060, 5.9623, 0.9594

Previews

White Background



This preview shows how the YUV color 131.9510, -59.6288, -7.8500 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 131.9510, -59.6288, -7.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

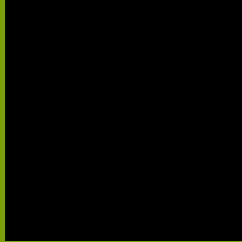
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9510, -59.6288, -7.8500

Background



This preview shows how black text looks on a background with the YUV color 131.9510, -59.6288, -7.8500.



This preview shows how white text looks on a background with the YUV color 131.9510, -59.6288, -7.8500.

-7.8500.

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

131.9510, -59.6288, -7.8500

Protanopia

135.9230, -67.0100, 26.3775

Deuteranopia

141.0290, -54.2443, 38.5626



Tritanopia

146.7800, 7.0105, -8.5771

Trichromacy



Original Color

131.9510, -59.6288, -7.8500

Protanomaly

134.5300, -64.3513, 13.5672

Deuteranomaly

137.4630, -55.9373, 21.5189

Tritanomaly

141.3630, -17.4340, -8.2114

Monochromacy



Original Color

131.9510, -59.6288, -7.8500

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9570, -21.6708, -2.5933

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9510, -59.6288, -7.8500 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(123, 160, 11)` looks like.

```
.text, #text, p{  
    color:rgb(123, 160, 11)  
}
```

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(123, 160, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 160, 11) }
```

Border

The CSS property to change the border of an element to YUV 131.9510, -59.6288, -7.8500 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(123, 160, 11) }
```


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

```
.border{ border-color:rgb(123, 160, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 160, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 160, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 160, 11);  
box-shadow:4px 4px 4px 4px rgb(123, 160,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 131.9510, -59.6288, -7.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 160, 11) }
```

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

```
.background{ background-color: rgb(123,  
160, 11) }
```

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