

Converting Colors

YUV(133.9310, -62.5770,
4.4455)

Have a look what the booklet for
YUV(133.9310, -62.5770, 4.4455)
contains.

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Color

**YUV(133.9310, -62.5770,
4.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9C07
RGB	139, 156, 7
RGB Percent	55%, 61%, 3%
CMY	0.4549, 0.3882, 0.9725
CMYK	0.11, 0.00, 0.96, 0.39
HSL	67°, 91%, 32%
HSV	67°, 96%, 61%
XYZ	22.5743, 29.2812, 4.6631
YIQ	133.9310, 37.6970, -49.9430

Conversions

Conversions Part 2

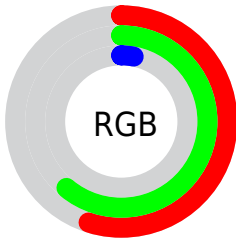
Format	Color
R_{YB}	7, 156, 24
Decimal	9149447
CIE Lab	61.03, -22.38, 62.84
CIE LCh	61, 66.701, 109.603
Yxy	29.2812, 0.3994, 0.5181
Android (android.graphics.Color)	4287339527 (0xFF8B9C07)
YUV	133.9310, -62.5770, 4.4455
Hunter-Lab	54.1121, -20.2304, 32.7692

Details

The YUV color **133.9310, -62.5770, 4.4455** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **29.0690, 62.5770, -4.4455**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4240, -56.9040, 4.8902**, and **86.7510, -42.7682, -2.4126** is the 20% darker color. If you saturate the color by 10%, you get **132.8340, -65.4872, 4.5306**, and if you desaturate by 10%, it is **136.3530, -55.8830, 4.0754**.

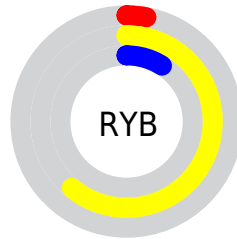
Distribution



Red (55%)

Green (61%)

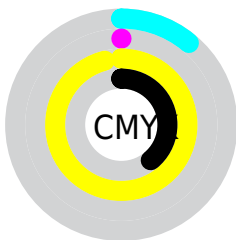
Blue (3%)



Red (3%)

Yellow (61%)

Blue (9%)

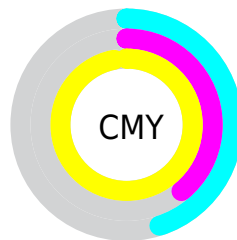


Cyan (11%)

Magenta (0%)

Yellow (96%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9310, -62.5770, 4.4455 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 133.9310, -62.5770, 4.4455 by changing the saturation by 10% instead.

■ 133.9310,
-62.5770, 4.4455

■ 133.9310,
-62.5770, 4.4455

■ 255.0000, 0.0000,
0.0000

■ 109.4990,
-53.9830, 1.3164

■ 190.4240,
-56.9040, 4.8902

■ 86.7510, -42.7682,
-2.4126

■ 219.3100,
-57.3408, 4.9901

■ 64.8890, -31.9903,
-6.0417

■ 240.7500,
-54.5998, 12.4972

■ 43.3150, -21.3543,
-10.8003

■ 243.9420,
-42.3694, 9.6979

■ 21.7300, -10.7129,
-17.3032

■ 247.1340,
-30.1391, 6.8985

■ 4.1090, -2.0257,
-3.6036

■ 250.4400,

■ 0.0000, 0.0000,

-17.4719, 3.9991

0.0000

■ 253.7460, -4.8048,
1.0998

■ 133.9310,
-62.5770, 4.4455

■ 133.9310,
-62.5770, 4.4455

■ 132.8340,
-65.4872, 4.5306

■ 136.3530,
-55.8830, 4.0754

■ 138.6610,
-49.6259, 3.8053

■ 140.7840,
-42.7845, 2.8204

■ 143.0920,
-36.5274, 2.5503

■ 145.5140,
-29.8334, 2.1802

■ 147.9360,
-23.1394, 1.8101

■ 149.9450,
-16.7349, 0.9252

■ 152.3670,
-10.0409, 0.5551

■ 154.6750, -3.7838,
0.2850

Harmonies

Analogous

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



138.5820, -66.3489, 47.7246



133.9310, -62.5770, 4.4455



124.8630, -29.5125, -54.2539

Triad

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



133.9310, -62.5770, 4.4455



127.2810, 53.5985, -111.6254



144.8670, 12.3906, 86.0626

Complementary

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



133.9310, -62.5770, 4.4455



29.0690, 62.5770, -4.4455

Split Complementary

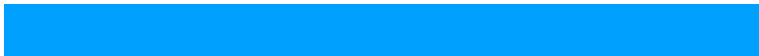
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151.6560, 35.6656, 40.6437



133.9310, -62.5770, 4.4455



122.9900, 65.0809, -107.8622

Square

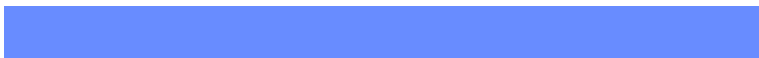
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



133.9310, -62.5770, 4.4455



123.8150, 30.1642, -108.5858



142.3460, 55.5384, -33.6294



140.8320, -14.7072, 97.4943

Rectangle

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



133.9310, -62.5770, 4.4455



112.8200, -4.3483, -98.9431



142.3460, 55.5384, -33.6294



147.9670, 20.7223, 73.6969

Sweetspot

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



133.9310, -62.5770, 4.4455



195.1810, -24.7392, 1.5953



60.3560, -26.3045, 83.8798



96.7000, -15.1351, 1.1401



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



133.9310, -62.5770, 4.4455



173.8670, -85.7164, 6.2556



112.4030, -51.9637, -39.8184



77.7890, -3.3470, 0.1850



121.9140, -60.1036, 4.4604



12.9910, -6.4046, 0.8849

Inverse Universe

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



29.0690, 62.5770, -4.4455



30.1330, 85.7164, -6.2556



50.5970, 51.9637, 39.8184



72.2110, 3.3470, -0.1850



21.0860, 60.1036, -4.4604



2.3080, 6.2572, -0.2701

Previews

White Background



This preview shows how the YUV color 133.9310, -62.5770, 4.4455 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 133.9310, -62.5770, 4.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

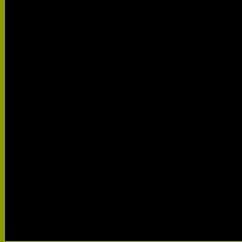
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.9310, -62.5770, 4.4455

Background



This preview shows how black text looks on a background with the YUV color 133.9310, -62.5770, 4.4455.



This preview shows how white text looks on a background with the YUV color 133.9310, -62.5770,

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

133.9310, -62.5770, 4.4455

Protanopia

135.9230, -67.0100, 26.3775

Deuteranopia

139.9860, -55.7021, 39.4773



Tritanopia

148.0480, 3.9203, 2.5889

Trichromacy



Original Color

133.9310, -62.5770, 4.4455

Protanomaly

135.0360, -65.0937, 18.3854

Deuteranomaly

137.6270, -57.9901, 26.6371

Tritanomaly

143.0440, -20.2347, 3.4694

Monochromacy



Original Color

133.9310, -62.5770, 4.4455

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0500, -22.7027, 1.7101

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9310, -62.5770, 4.4455 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(139, 156, 7)` looks like.

```
.text, #text, p{  
    color:rgb(139, 156, 7)  
}
```

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(139, 156, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 156, 7) }
```

Border

The CSS property to change the border of an element to YUV 133.9310, -62.5770, 4.4455 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(139, 156, 7) }
```


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

```
.border{ border-color:rgb(139, 156, 7) }
```

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

Here you see how a box with a 4 pixel rgb(139, 156, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 156, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 156, 7);  
box-shadow:4px 4px 4px 4px rgb(139, 156,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 133.9310, -62.5770, 4.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 156, 7) }
```

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

```
.background{ background-color: rgb(139,  
156, 7) }
```

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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