

Converting Colors

YUV(121.5170, -54.4849,
22.3486)

Have a look what the booklet for
YUV(121.5170, -54.4849, 22.3486)
contains.

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Color

**YUV(121.5170, -54.4849,
22.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	93820B
RGB	147, 130, 11
RGB Percent	58%, 51%, 4%
CMY	0.4235, 0.4902, 0.9569
CMYK	0.00, 0.12, 0.93, 0.42
HSL	52°, 86%, 31%
HSV	52°, 93%, 58%
XYZ	20.0757, 22.1925, 3.5421
YIQ	121.5170, 48.3310, -33.4050

Conversions

Conversions Part 2

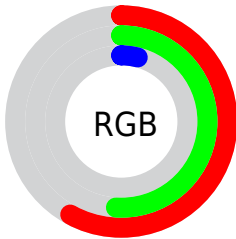
Format	Color
RYB	30, 147, 11
Decimal	9667083
CIELab	54.23, -4.95, 57.24
CIELCh	54, 57.455, 94.941
Yxy	22.1925, 0.4382, 0.4844
Android (android.graphics.Color)	4287857163 (0xFF93820B)
YUV	121.5170, -54.4849, 22.3486
Hunter-Lab	47.1089, -6.3720, 28.5182

Details

The YUV color **121.5170, -54.4849, 22.3486** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **36.4830, 54.4849, -22.3486**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6250, -51.5801, 24.0079**, and **75.0550, -37.0021, 14.8608** is the 20% darker color. If you saturate the color by 10%, you get **119.6760, -59.0003, 23.9631**, and if you desaturate by 10%, it is **124.4010, -48.5117, 19.8193**.

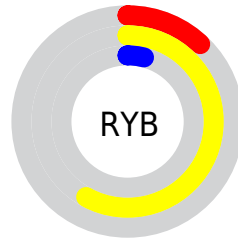
Distribution



Red (58%)

Green (51%)

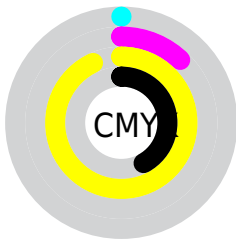
Blue (4%)



Red (12%)

Yellow (58%)

Blue (4%)

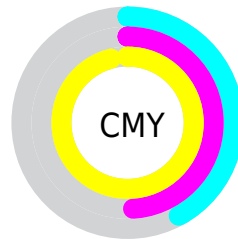


Cyan (0%)

Magenta (12%)

Yellow (93%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5170, -54.4849, 22.3486 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 121.5170, -54.4849, 22.3486 by changing the saturation by 10% instead.

■ 121.5170,
-54.4849, 22.3486

■ 121.5170,
-54.4849, 22.3486

■ 255.0000, 0.0000,
0.0000

■ 97.2160, -47.9275,
19.1046

■ 176.6250,
-51.5801, 24.0079

■ 75.0550, -37.0021,
14.8608

■ 204.5220,
-52.0223, 25.8522

■ 54.3670, -26.8029,
10.2021

■ 230.2010,
-51.8641, 21.7487

■ 33.6790, -16.6037,
5.5435

■ 243.2580,
-44.9902, 10.2977

■ 13.2680, -6.5411,
-1.9890

■ 246.4500,
-32.7599, 7.4983

■ 0.0000, 0.0000,
0.0000

■ 249.7560,

-20.0927, 4.5990

■ 253.0620, -7.4256,
1.6996

■ 121.5170,
-54.4849, 22.3486

■ 121.5170,
-54.4849, 22.3486

■ 119.6760,
-59.0003, 23.9631

■ 124.4010,
-48.5117, 19.8193

■ 127.1710,
-42.9753, 17.3900

■ 130.0550,
-37.0021, 14.8608

■ 132.3520,
-30.7395, 12.8463

■ 135.2360,
-24.7663, 10.3170

■ 138.0060,
-19.2300, 7.8877

■ 140.8900,
-13.2568, 5.3585

■ 143.7740, -7.2836,
2.8292

■ 146.5440, -1.7472,
0.3999

Harmonies

Analogous

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



125.0600, -44.3996, 54.3214



121.5170, -54.4849, 22.3486



116.9060, -37.9147, -19.2116

Triad

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



121.5170, -54.4849, 22.3486



110.3140, 36.8202, -96.7454



131.7430, 20.3397, 56.3534

Complementary

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



121.5170, -54.4849, 22.3486



36.4830, 54.4849, -22.3486

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.



132.6580, 39.1156, 7.3159



121.5170, -54.4849, 22.3486



110.6680, 53.4077, -97.0558

Square

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



121.5170, -54.4849, 22.3486



105.4290, 15.5645, -92.4612



104.1770, 61.5377, -91.3632



126.8650, -1.4124, 79.9254

Rectangle

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



121.5170, -54.4849, 22.3486



107.5990, -19.0293, -56.6533



104.1770, 61.5377, -91.3632



132.9630, 26.6402, 42.1284

Sweetspot

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



121.5170, -54.4849, 22.3486



181.4360, -21.4139, 8.3876



53.7160, -12.1850, 81.8101



90.8900, -13.2568, 5.3585



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



121.5170, -54.4849, 22.3486



155.1380, -76.4830, 31.4510



116.5460, -52.0342, -17.1418



72.6150, -2.7682, 1.2146



111.7020, -55.0691, 23.0633



8.2730, -4.0786, 1.5146

Inverse Universe

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



36.4830, 54.4849, -22.3486



35.8620, 76.4830, -31.4510



41.4540, 52.0342, 17.1418



67.7980, 3.0576, -0.6998



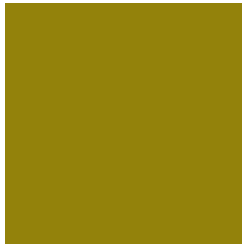
25.7110, 55.3585, -22.5485



1.7270, 4.0786, -1.5146

Previews

White Background



This preview shows how the YUV color 121.5170, -54.4849, 22.3486 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 121.5170, -54.4849, 22.3486 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 121.5170, -54.4849, 22.3486

Background



This preview shows how black text looks on a background with the YUV color 121.5170, -54.4849, 22.3486.



This preview shows how white text looks on a background with the YUV color 121.5170, -54.4849, 22.3486.

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

121.5170, -54.4849, 22.3486

Protanopia

121.2180, -54.3375, 21.7338

Deuteranopia

123.4030, -51.4707, 35.6036



Tritanopia

131.8930, -0.9332, 19.3878

Trichromacy



Original Color

121.5170, -54.4849, 22.3486

Protanomaly

121.2180, -54.3375, 21.7338

Deuteranomaly

123.0280, -52.7648, 30.6704

Tritanomaly

127.8550, -20.1415, 20.2982

Monochromacy



Original Color

121.5170, -54.4849, 22.3486

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8920, -19.6668, 7.9877

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5170, -54.4849, 22.3486 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(147, 130, 11)` looks like.

```
.text, #text, p{  
    color:rgb(147, 130, 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(147, 130, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 130, 11) }
```

Border

The CSS property to change the border of an element to YUV 121.5170, -54.4849, 22.3486 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(147, 130, 11) }
```


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

```
.border{ border-color:rgb(147, 130, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 130, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 130, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 130, 11);  
box-shadow:4px 4px 4px 4px rgb(147, 130,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 121.5170, -54.4849, 22.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 130, 11) }
```

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

```
.background{ background-color: rgb(147,  
130, 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](#).

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