

# Converting Colors

YUV(110.8950, -54.6712,  
-11.3089)

Have a look what the booklet for  
YUV(110.8950, -54.6712, -11.3089)  
contains.

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# Color

**YUV(110.8950, -54.6712,  
-11.3089)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628B00
RGB	98, 139, 0
RGB Percent	38%, 55%, 0%
CMY	0.6157, 0.4549, 1.0000
CMYK	0.29, 0.00, 1.00, 0.45
HSL	78°, 100%, 27%
HSV	78°, 100%, 55%
XYZ	14.2696, 21.0619, 3.3133
YIQ	110.8950, 20.1830, -51.9210

# Conversions

## Conversions Part 2

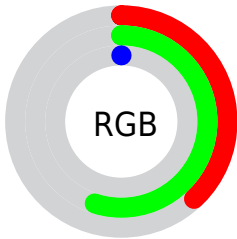
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 139, 41
Decimal	6458112
CIELab	53.02, -31.75, 56.56
CIELCh	53, 64.856, 119.306
Yxy	21.0619, 0.3693, 0.5450
Android (android.graphics.Color)	4284648192 (0xFF628B00)
YUV	110.8950, -54.6712, -11.3089
Hunter-Lab	45.8933, -24.8121, 27.8448

# Details

The YUV color **110.8950, -54.6712, -11.3089** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **28.1050, 54.6712, 11.3089**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7900, -48.7035, -12.0938**, and **65.6980, -32.3891, -18.1521** is the 20% darker color. If you saturate the color by 10%, you get **110.8950, -54.6712, -11.3089**, and if you desaturate by 10%, it is **113.6870, -49.1457, -10.2495**.

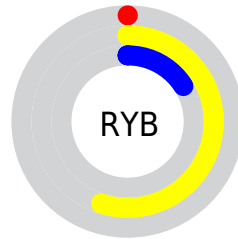
# Distribution



Red (38%)

Green (55%)

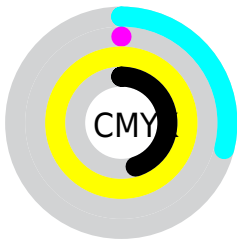
Blue (0%)



Red (0%)

Yellow (55%)

Blue (16%)

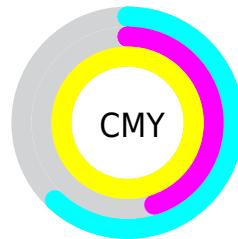


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.8950, -54.6712, -11.3089 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 110.8950, -54.6712, -11.3089 by changing the saturation by 10% instead.



■ 110.8950,  
-54.6712, -11.3089

■ 110.8950,  
-54.6712, -11.3089

255.0000, 0.0000,  
0.0000

■ 87.5600, -43.1671,  
-14.5231

■ 166.7900,  
-48.7035, -12.0938

■ 65.6980, -32.3891,  
-18.1521

■ 194.6760,  
-49.1403, -11.9939

■ 42.0420, -20.7267,  
-25.4698

■ 222.7470,  
-50.1613, -11.1791

■ 24.6540, -12.1544,  
-21.6216

■ 238.1320,  
-43.9421, 0.7612

■ 10.5660, -5.2090,  
-9.2664


■ 246.1080,  
-34.0702, 7.7983


■ 0.0000, 0.0000,  
0.0000


■ 249.3000,


-21.8399, 4.9989


 252.6060, -9.1728,  
2.0995


 110.8950,  
-54.6712, -11.3089

 113.6870,  
-49.1457, -10.2495

 116.4790,  
-43.6201, -9.1901

 119.2710,  
-38.0946, -8.1307

 122.0630,  
-32.5691, -7.0713

 124.8550,  
-27.0435, -6.0118

■ 127.8320,  
-22.1022, -4.2377

■ 130.6240,  
-16.5766, -3.1782

■ 133.4160,  
-11.0511, -2.1188

■ 136.2080, -5.5255,  
-1.0594

# Harmonies

## Analogous

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



118.5350, -58.4378, 30.2258



110.8950, -54.6712, -11.3089



94.4000, -14.0012, -82.7888

# Triad

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



110.8950, -54.6712, -11.3089



111.0100, 54.7181, -97.3558



119.9400, 4.9596, 89.5066

# Complementary

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



110.8950, -54.6712, -11.3089



28.1050, 54.6712, 11.3089

# 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.



127.9800, 27.6179, 55.2685



110.8950, -54.6712, -11.3089



105.9040, 65.6163, -92.8778

# Square

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



110.8950, -54.6712, -11.3089



109.1570, 34.9256, -95.7307



127.2740, 48.1789, -6.3793



119.3550, -21.3740, 89.1427



# Rectangle

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



110.8950, -54.6712, -11.3089



100.4930, 1.7290, -88.1324



127.2740, 48.1789, -6.3793



122.6600, 12.9856, 81.8592

# Sweetspot

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



110.8950, -54.6712, -11.3089



170.0600, -21.2286, -4.4376



64.4540, -31.7758, 65.3768



85.2480, -12.9403, -2.8485



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



110.8950, -54.6712, -11.3089



144.5190, -71.2479, -14.4872



90.5630, -44.6476, -53.1138



67.6040, -2.7628, -0.5297



105.8780, -52.1979, -11.2940



4.1310, -2.0366, -0.1149



# Inverse Universe

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



28.1050, 54.6712, 11.3089



36.4810, 71.2479, 14.4872



48.4370, 44.6476, 53.1138



63.3960, 2.7628, 0.5297



26.8230, 52.3453, 10.6792



1.1680, 1.8892, 0.7297



# Previews

## White Background



This preview shows how the YUV color 110.8950, -54.6712, -11.3089 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 110.8950, -54.6712, -11.3089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

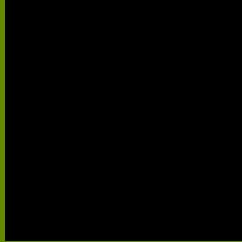
Any Text WCAG AA ✓ Pass

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 110.8950, -54.6712, -11.3089 Background



This preview shows how black text looks on a background with the YUV color 110.8950, -54.6712, -11.3089.



This preview shows how white text looks on a background with the YUV color 110.8950, -54.6712, -11.3089.



# 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

110.8950, -54.6712, -11.3089

### Protanopia

117.0070, -57.6845, 21.9189

### Deuteranopia

120.9450, -46.8079, 33.3742



## Tritanopia

124.7580, 7.0213, -12.0658

# Trichromacy



## Original Color

110.8950, -54.6712, -11.3089

## Protanomaly

114.5710, -56.4835, 10.0232

## Deuteranomaly

117.4500, -49.5219, 17.1453

## Tritanomaly

119.7970, -15.6759, -12.1000

# Monochromacy



## Original Color

110.8950, -54.6712, -11.3089

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

110.8150, -19.6288, -4.2228

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.8950, -54.6712, -11.3089 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(98, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 139, 0)  
}
```

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(98, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 139, 0) }
```

## Border

The CSS property to change the border of an element to YUV 110.8950, -54.6712, -11.3089 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(98, 139, 0) }
```



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

```
.border{ border-color:rgb(98, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 139, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 110.8950, -54.6712, -11.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 139, 0) }
```

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

```
.background{ background-color: rgb(98, 139,  
0) }
```

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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