

# Converting Colors

YUV(134.5660, -62.3970,  
-6.6354)

Have a look what the booklet for  
YUV(134.5660, -62.3970, -6.6354)  
contains.

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# Color

**YUV(134.5660, -62.3970,  
-6.6354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FA308
RGB	127, 163, 8
RGB Percent	50%, 64%, 3%
CMY	0.5020, 0.3608, 0.9686
CMYK	0.22, 0.00, 0.95, 0.36
HSL	74°, 91%, 34%
HSV	74°, 95%, 64%
XYZ	21.8934, 30.7239, 5.0061
YIQ	134.5660, 28.2990, -55.8370

# Conversions

## Conversions Part 2

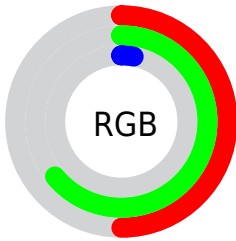
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 163, 44
Decimal	8364808
CIELab	62.27, -30.89, 63.31
CIELCh	62, 70.440, 116.009
Yxy	30.7239, 0.3799, 0.5332
Android (android.graphics.Color)	4286554888 (0xFF7FA308)
YUV	134.5660, -62.3970, -6.6354
Hunter-Lab	55.4292, -26.4971, 33.4456

# Details

The YUV color **134.5660, -62.3970, -6.6354** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **36.4340, 62.3970, 6.6354**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7600, -56.5767, -6.8055**, and **86.6850, -42.7357, -12.8787** is the 20% darker color. If you saturate the color by 10%, you get **133.0560, -65.5966, -7.0651**, and if you desaturate by 10%, it is **137.5860, -55.9979, -5.7759**.

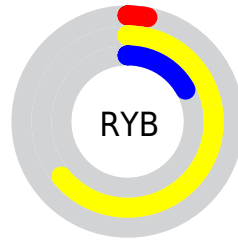
# Distribution



Red (50%)

Green (64%)

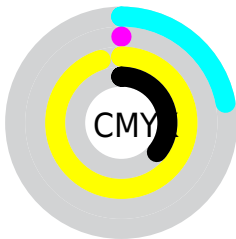
Blue (3%)



Red (3%)

Yellow (64%)

Blue (17%)

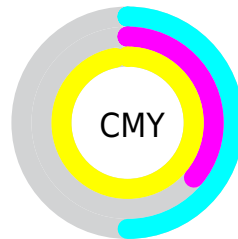


Cyan (22%)

Magenta (0%)

Yellow (95%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.5660, -62.3970, -6.6354 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 134.5660, -62.3970, -6.6354 by changing the saturation by 10% instead.



■ 134.5660,  
-62.3970, -6.6354

■ 134.5660,  
-62.3970, -6.6354

■ 255.0000, 0.0000,  
0.0000

■ 110.0200,  
-54.2399, -9.6645

■ 191.7600,  
-56.5767, -6.8055

■ 86.6850, -42.7357,  
-12.8787

■ 220.5320,  
-57.4503, -6.6056

■ 64.5240, -31.8103,  
-17.1225

■ 237.0910,  
-51.8099, 4.3052

■ 40.8680, -20.1479,  
-24.4402

■ 244.1700,  
-41.4958, 9.4979

■ 24.0670, -11.8650,  
-21.1068

■ 247.3620,  
-29.2655, 6.6985

■ 8.8050, -4.3409,  
-7.7220

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,  
0.8998

134.5660,  
-62.3970, -6.6354

134.5660,  
-62.3970, -6.6354

133.0560,  
-65.5966, -7.0651

137.5860,  
-55.9979, -5.7759

140.7200,  
-49.1620, -5.0164

143.4410,  
-42.6154, -4.7718

146.4610,  
-36.2163, -3.9123

149.4810,  
-29.8171, -3.0528

■ 152.6150,  
-22.9812, -2.2934

■ 155.6350,  
-16.5821, -1.4339

■ 158.3560,  
-10.0355, -1.1892

■ 161.4900, -3.1996,  
-0.4297

# Harmonies

## Analogous

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



141.0280, -69.5268, 40.3174



134.5660, -62.3970, -6.6354



114.3900, -18.9263, -89.7960

# Triad

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



134.5660, -62.3970, -6.6354



131.0940, 60.5927, -114.9694



145.1950, 8.2849, 96.2990

# Complementary

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



134.5660, -62.3970, -6.6354



36.4340, 62.3970, 6.6354

# 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.



153.4730, 33.2908, 55.7132



134.5660, -62.3970, -6.6354



123.5770, 64.7915, -108.3770

# Square

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



134.5660, -62.3970, -6.6354



128.3290, 37.3058, -112.5445



149.5440, 51.9898, -15.3861



142.2360, -20.8223, 98.8940



# Rectangle

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



134.5660, -62.3970, -6.6354



117.3510, 0.3200, -102.9168



149.5440, 51.9898, -15.3861



148.4310, 17.0425, 87.3220

# Sweetspot

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



134.5660, -62.3970, -6.6354



200.4470, -24.8704, -3.0230



74.3030, -32.6874, 77.7873



100.0910, -14.8349, -1.8338



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



134.5660, -62.3970, -6.6354



172.8820, -85.2308, -9.5435



112.1410, -51.3415, -52.7437



80.3760, -3.6364, -0.3298



118.6030, -58.4713, -5.7908



14.7520, -7.2727, -0.6595



# Inverse Universe

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



36.4340, 62.3970, 6.6354



38.8190, 85.3782, 8.9287



58.8590, 51.3415, 52.7437



74.6240, 3.6364, 0.3298



26.6960, 58.3239, 6.4056



3.2480, 7.2727, 0.6595



# Previews

## White Background



This preview shows how the YUV color 134.5660, -62.3970, -6.6354 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 134.5660, -62.3970, -6.6354 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

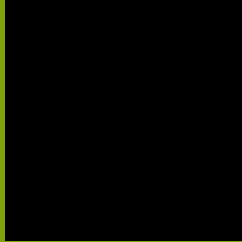
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 134.5660, -62.3970, -6.6354 Background



This preview shows how black text looks on a background with the YUV color 134.5660, -62.3970, -6.6354.



This preview shows how white text looks on a background with the YUV color 134.5660, -62.3970, -6.6354.

-6.6354.

# 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

134.5660, -62.3970, -6.6354

### Protanopia

139.1680, -68.6098, 26.1627

### Deuteranopia

143.2850, -55.8495, 40.0921



## **Tritanopia**

150.0790, 6.8631, -7.9623

# Trichromacy



## Original Color

134.5660, -62.3970, -6.6354

## Protanomaly

137.3730, -66.2459, 14.5819

## Deuteranomaly

140.1920, -58.2687, 22.6336

## Tritanomaly

144.4340, -18.4550, -7.3966

# Monochromacy



## Original Color

134.5660, -62.3970, -6.6354

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.7290, -22.5444, -2.3933

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.5660, -62.3970, -6.6354 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(127, 163, 8)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 8)  
}
```

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(127, 163, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 8) }
```

## Border

The CSS property to change the border of an element to YUV 134.5660, -62.3970, -6.6354 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(127, 163, 8) }
```



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

```
.border{ border-color:rgb(127, 163, 8) }
```

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

Here you see how a box with a 4 pixel rgb(127, 163, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 8);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
8) }
```

# Background

The CSS property to change the background color of an element to YUV 134.5660, -62.3970, -6.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 8) }
```

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

```
.background{ background-color: rgb(127,  
163, 8) }
```

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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