

Converting Colors

YUV(139.9630, -61.1138,
1.7864)

Have a look what the booklet for
YUV(139.9630, -61.1138, 1.7864)
contains.

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Color

**YUV(139.9630, -61.1138,
1.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA310
RGB	142, 163, 16
RGB Percent	56%, 64%, 6%
CMY	0.4431, 0.3608, 0.9373
CMYK	0.13, 0.00, 0.90, 0.36
HSL	69°, 82%, 35%
HSV	69°, 90%, 64%
XYZ	24.3460, 31.9826, 5.3803
YIQ	139.9630, 34.6710, -50.1690

Conversions

Conversions Part 2

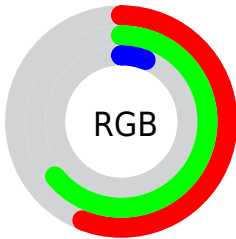
Format	Color
RYB	16, 163, 37
Decimal	9347856
CIELab	63.33, -24.39, 63.38
CIELCh	63, 67.913, 111.049
Yxy	31.9826, 0.3945, 0.5183
Android (android.graphics.Color)	4287537936 (0xFF8EA310)
YUV	139.9630, -61.1138, 1.7864
Hunter-Lab	56.5531, -22.1240, 33.9465

Details

The YUV color **139.9630, -61.1138, 1.7864** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **39.0370, 61.1138, -1.7864**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5870, -57.4774, 2.1162**, and **91.1700, -44.9468, -3.6571** is the 20% darker color. If you saturate the color by 10%, you get **137.5410, -67.8077, 2.1565**, and if you desaturate by 10%, it is **142.3850, -54.4198, 1.4164**.

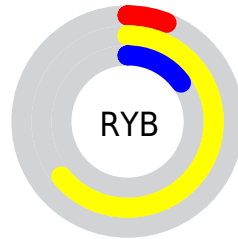
Distribution



Red (56%)

Green (64%)

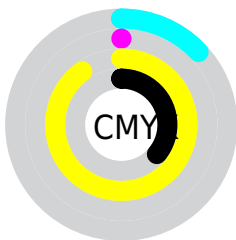
Blue (6%)



Red (6%)

Yellow (64%)

Blue (15%)

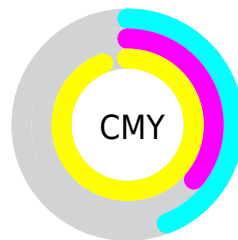


Cyan (13%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.9630, -61.1138, 1.7864 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 139.9630, -61.1138, 1.7864 by changing the saturation by 10% instead.

■ 139.9630,
-61.1138, 1.7864

■ 139.9630,
-61.1138, 1.7864

■ 255.0000, 0.0000,
0.0000

■ 114.5050,
-56.4510, -0.4429

■ 196.5870,
-57.4774, 2.1162

■ 91.1700, -44.9468,
-3.6571

■ 224.8860,
-57.6248, 2.7310

■ 69.3080, -34.1688,
-7.2861

■ 241.3200,
-52.4158, 11.9974

■ 47.4350, -23.3855,
-12.6595

■ 244.5120,
-40.1854, 9.1980

■ 25.2630, -12.4547,
-18.6477

■ 247.7040,
-27.9551, 6.3986

■ 11.7400, -5.7878,
-10.2960

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.4300, -2.1840,
0.4999

■ 139.9630,
-61.1138, 1.7864

■ 139.9630,
-61.1138, 1.7864

■ 137.5410,
-67.8077, 2.1565

■ 142.3850,
-54.4198, 1.4164

■ 145.2200,
-47.4365, 1.5611

■ 147.6420,
-40.7425, 1.1910

■ 150.0640,
-34.0486, 0.8209

■ 152.8990,
-27.0652, 0.9656

■ 155.3210,
-20.3713, 0.5955

■ 157.7430,
-13.6773, 0.2254

■ 160.4640, -7.1308,
0.4701

■ 163.0000, 0.0000,
0.0000

Harmonies

Analogous

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



144.5280, -67.8013, 46.8949



139.9630, -61.1138, 1.7864



129.1720, -28.1858, -59.7868

Triad

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



139.9630, -61.1138, 1.7864



132.0570, 56.6669, -115.8140



150.9490, 11.3641, 88.6217

Complementary

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



139.9630, -61.1138, 1.7864



39.0370, 61.1138, -1.7864

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.



157.0910, 35.9441, 44.6472



139.9630, -61.1138, 1.7864



126.5120, 63.3446, -110.9510

Square

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



139.9630, -61.1138, 1.7864



128.4770, 32.7958, -112.6743



148.8690, 52.3226, -28.8261



145.5930, -15.5753, 95.9499

Rectangle

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



139.9630, -61.1138, 1.7864



117.8410, -2.8796, -103.3466



148.8690, 52.3226, -28.8261



153.7610, 19.8378, 77.3856

Sweetspot

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



139.9630, -61.1138, 1.7864



202.8110, -23.5708, 0.1658



71.6930, -27.4566, 80.0762



101.6290, -14.1141, 0.3254



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.



139.9630, -61.1138, 1.7864



178.5630, -88.0316, 2.1372



118.4350, -50.5005, -42.4775



80.3760, -3.6364, -0.3298



122.4900, -60.3876, 2.2013



15.0510, -7.4201, -0.0447

Inverse Universe

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



39.0370, 61.1138, -1.7864



33.1380, 88.1790, -2.7520



60.5650, 50.5005, 42.4775



74.6240, 3.6364, 0.3298



22.8090, 60.2402, -1.5865



2.9490, 7.4201, 0.0447

Previews

White Background



This preview shows how the YUV color 139.9630, -61.1138, 1.7864 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 139.9630, -61.1138, 1.7864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

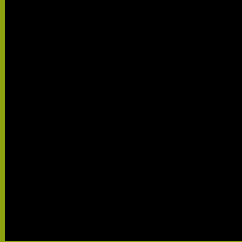
Any Text WCAG AA ✓ Pass

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 139.9630, -61.1138, 1.7864 Background



This preview shows how black text looks on a background with the YUV color 139.9630, -61.1138, 1.7864.



This preview shows how white text looks on a background with the YUV color 139.9630, -61.1138, 1.7864.

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

139.9630, -61.1138, 1.7864

Protanopia

142.9060, -64.5367, 26.3924

Deuteranopia

146.3560, -56.8705, 40.9068



Tritanopia

153.9660, 4.9468, 0.0298

Trichromacy



Original Color

139.9630, -61.1138, 1.7864

Protanomaly

142.0790, -63.6359, 17.4707

Deuteranomaly

144.2140, -58.2795, 26.1223

Tritanomaly

148.9620, -19.2083, 0.9103

Monochromacy



Original Color

139.9630, -61.1138, 1.7864

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8650, -22.1184, 0.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9630, -61.1138, 1.7864 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(142, 163, 16)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 16)  
}
```

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(142, 163, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 16) }
```

Border

The CSS property to change the border of an element to YUV 139.9630, -61.1138, 1.7864 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(142, 163, 16) }
```


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

```
.border{ border-color:rgb(142, 163, 16) }
```

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

Here you see how a box with a 4 pixel rgb(142, 163, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 163, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 163, 16);  
box-shadow:4px 4px 4px 4px rgb(142, 163,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 139.9630, -61.1138, 1.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 16) }
```

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

```
.background{ background-color: rgb(142,  
163, 16) }
```

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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