

Converting Colors

YUV(136.2890, -62.2605,
-3.7615)

Have a look what the booklet for
YUV(136.2890, -62.2605, -3.7615)
contains.

YUV(136.2890, -62.2605, -3.7615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(136.2890, -62.2605,
-3.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	84A30A
RGB	132, 163, 10
RGB Percent	52%, 64%, 4%
CMY	0.4824, 0.3608, 0.9608
CMYK	0.19, 0.00, 0.94, 0.36
HSL	72°, 88%, 34%
HSV	72°, 94%, 64%
XYZ	22.6677, 31.1218, 5.0996
YIQ	136.2890, 30.6370, -54.1550

Conversions

Conversions Part 2

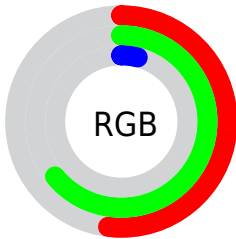
Format	Color
RYB	10, 163, 41
Decimal	8692490
CIELab	62.61, -28.77, 63.44
CIELCh	63, 69.661, 114.392
Yxy	31.1218, 0.3849, 0.5285
Android (android.graphics.Color)	4286882570 (0xFF84A30A)
YUV	136.2890, -62.2605, -3.7615
Hunter-Lab	55.7869, -25.0979, 33.6311

Details

The YUV color **136.2890, -62.2605, -3.7615** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **36.7110, 62.2605, 3.7615**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2550, -57.3137, -3.7316**, and **88.1800, -43.4727, -9.8049** is the 20% darker color. If you saturate the color by 10%, you get **134.5510, -66.3336, -3.9912**, and if you desaturate by 10%, it is **139.0100, -55.7139, -3.5168**.

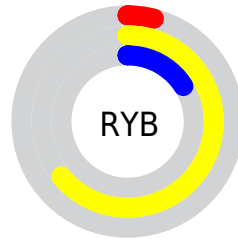
Distribution



Red (52%)

Green (64%)

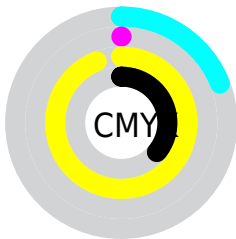
Blue (4%)



Red (4%)

Yellow (64%)

Blue (16%)

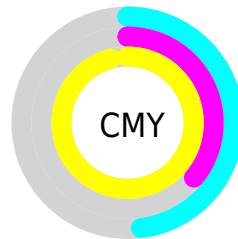


Cyan (19%)

Magenta (0%)

Yellow (94%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2890, -62.2605, -3.7615 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 136.2890, -62.2605, -3.7615 by changing the saturation by 10% instead.

■ 136.2890,
-62.2605, -3.7615

■ 136.2890,
-62.2605, -3.7615

■ 255.0000, 0.0000,
0.0000

■ 111.5150,
-54.9769, -6.5907

■ 193.2550,
-57.3137, -3.7316

■ 88.1800, -43.4727,
-9.8049

■ 221.5540,
-57.4611, -3.1169

■ 66.0190, -32.5474,
-14.0487

■ 238.7000,
-52.1101, 7.2791

■ 43.2600, -21.3272,
-19.5220

■ 244.2840,
-41.0590, 9.3979

■ 24.0670, -11.8650,
-21.1068

■ 247.4760,
-28.8287, 6.5985

■ 9.9790, -4.9196,
-8.7516

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

136.2890,
-62.2605, -3.7615

136.2890,
-62.2605, -3.7615

134.5510,
-66.3336, -3.9912

139.0100,
-55.7139, -3.5168

142.1440,
-48.8780, -2.7573

144.8650,
-42.3314, -2.5126

147.5860,
-35.7849, -2.2679

150.7200,
-28.9490, -1.5084

■ 153.4410,
-22.4024, -1.2638

■ 156.1620,
-15.8559, -1.0191

■ 158.8830, -9.3093,
-0.7744

■ 162.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



142.2240, -70.1164, 42.7766



136.2890, -62.2605, -3.7615



121.3380, -23.3376, -74.8414

Triad

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



136.2890, -62.2605, -3.7615



131.3390, 58.9929, -115.1843



147.4120, 9.1639, 94.3547

Complementary

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



136.2890, -62.2605, -3.7615



36.7110, 62.2605, 3.7615

Split Complementary

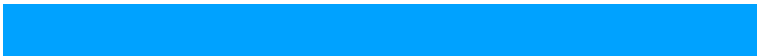
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



154.6790, 34.1753, 52.0245



136.2890, -62.2605, -3.7615



124.1640, 64.5021, -108.8918

Square

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



136.2890, -62.2605, -3.7615



128.5740, 35.7060, -112.7594



149.2230, 52.1481, -19.4896



143.2790, -19.3645, 97.9793

Rectangle

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



136.2890, -62.2605, -3.7615



117.7100, -0.8430, -103.2317



149.2230, 52.1481, -19.4896



149.9360, 17.7796, 84.2481

Sweetspot

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



136.2890, -62.2605, -3.7615



201.5720, -24.4390, -1.3786



73.9440, -31.5244, 78.1021



100.8030, -14.6929, -0.7042



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.



136.2890, -62.2605, -3.7615



174.9750, -86.2627, -5.2401



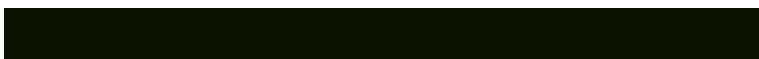
113.5650, -51.0575, -50.4845



80.3760, -3.6364, -0.3298



119.7990, -59.0609, -3.3317



14.7520, -7.2727, -0.6595

Inverse Universe

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



36.7110, 62.2605, 3.7615



37.0250, 86.2627, 5.2401



59.4350, 51.0575, 50.4845



74.6240, 3.6364, 0.3298



25.2010, 59.0609, 3.3317



3.2480, 7.2727, 0.6595

Previews

White Background



This preview shows how the YUV color 136.2890, -62.2605, -3.7615 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 136.2890, -62.2605, -3.7615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

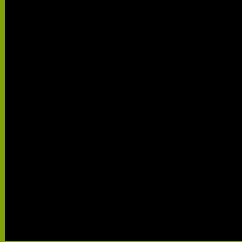
Any Text WCAG AA ✓ Pass

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 136.2890, -62.2605, -3.7615 Background



This preview shows how black text looks on a background with the YUV color 136.2890, -62.2605, -3.7615.



This preview shows how white text looks on a background with the YUV color 136.2890, -62.2605, -3.7615.

-3.7615.

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

136.2890, -62.2605, -3.7615

Protanopia

139.4670, -68.7572, 26.7774

Deuteranopia

144.1710, -56.2863, 40.1920



Tritanopia

151.2750, 6.2734, -5.5032

Trichromacy



Original Color

136.2890, -62.2605, -3.7615

Protanomaly

138.0850, -66.1039, 15.7115

Deuteranomaly

141.2030, -58.2741, 24.3780

Tritanomaly

145.7440, -18.6078, -5.0375

Monochromacy



Original Color

136.2890, -62.2605, -3.7615

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.3270, -22.8392, -1.1638

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2890, -62.2605, -3.7615 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(132, 163, 10)` looks like.

```
.text, #text, p{  
    color:rgb(132, 163, 10)  
}
```

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(132, 163, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 163, 10) }
```

Border

The CSS property to change the border of an element to YUV 136.2890, -62.2605, -3.7615 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(132, 163, 10) }
```


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

```
.border{ border-color:rgb(132, 163, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 163, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 163, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 163, 10);  
box-shadow:4px 4px 4px 4px rgb(132, 163,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 136.2890, -62.2605, -3.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 163, 10) }
```

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

```
.background{ background-color: rgb(132,  
163, 10) }
```

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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