

Converting Colors

YUV(62.0440, -30.5877,
-35.9956)

Have a look what the booklet for
YUV(62.0440, -30.5877, -35.9956)
contains.

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Color

**YUV(62.0440, -30.5877,
-35.9956)**

Conversions

Conversions Part 1

Format	Color
Hex	155F00
RGB	21, 95, 0
RGB Percent	8%, 37%, 0%
CMY	0.9176, 0.6275, 1.0000
CMYK	0.78, 0.00, 1.00, 0.63
HSL	107°, 100%, 19%
HSV	107°, 100%, 37%
XYZ	4.4015, 8.3438, 1.3785
YIQ	62.0440, -13.6090, -45.2330

Conversions

Conversions Part 2

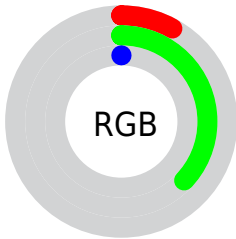
Format	Color
RYB	0, 95, 74
Decimal	1400576
CIELab	34.69, -38.94, 40.78
CIELCh	35, 56.383, 133.674
Yxy	8.3438, 0.3116, 0.5908
Android (android.graphics.Color)	4279590656 (0xFF155F00)
YUV	62.0440, -30.5877, -35.9956
Hunter-Lab	28.8857, -23.3510, 17.3904

Details

The YUV color **62.0440, -30.5877, -35.9956** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **32.9560, 30.5877, 35.9956**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5930, -29.8723, -32.0921**, and **27.5890, -13.6014, -24.1956** is the 20% darker color. If you saturate the color by 10%, you get **62.0440, -30.5877, -35.9956**, and if you desaturate by 10%, it is **65.1630, -27.6884, -32.5920**.

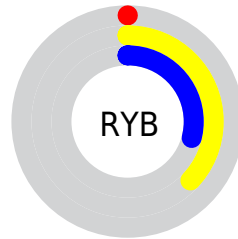
Distribution



Red (8%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (29%)

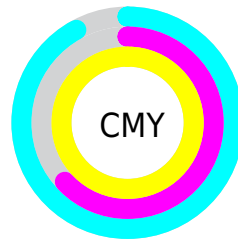


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (92%)


Magenta (63%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 62.0440, -30.5877, -35.9956 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 62.0440, -30.5877, -35.9956 by changing the saturation by 10% instead.


 62.0440, -30.5877,
-35.9956


 62.0440, -30.5877,
-35.9956


 253.6320, -5.2416,
1.1997


 41.6770, -20.5468,
-36.5507

 115.5930,
-29.8723, -32.0921


 27.5890, -13.6014,
-24.1956


 142.3650,
-30.7459, -31.8921

 14.6750, -7.2348,
-12.8700

 169.8380,
-31.4721, -32.3069


 0.0000, 0.0000,
0.0000


 197.6100,
-32.3457, -32.1070


 224.3220,
-32.2037, -30.9774


 236.0710,


-24.6850, -15.8483


 247.9340,
-16.7295, -0.8191


 62.0440, -30.5877,
-35.9956

 65.1630, -27.6884,
-32.5920

 68.6950, -24.4996,
-28.6735

 71.9280, -21.1635,
-25.3699

 75.3460, -18.4116,
-21.3514

 78.5790, -15.0754,
-18.0478

■ 81.6980, -12.1761,
-14.6441

■ 85.2300, -8.9874,
-10.7257

■ 88.3490, -6.0881,
-7.3221

■ 91.8810, -2.8993,
-3.4036

Harmonies

Analogous

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



74.7010, -36.8276, 5.5242



62.0440, -30.5877, -35.9956



64.3830, -4.6258, -56.4639

Triad

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



62.0440, -30.5877, -35.9956



74.3300, 46.1793, -65.1874



68.2240, -2.5754, 79.6106

Complementary

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



62.0440, -30.5877, -35.9956



32.9560, 30.5877, 35.9956

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.



74.7610, 16.3868, 64.2306



62.0440, -30.5877, -35.9956



66.3400, 51.1044, -58.1802

Square

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



62.0440, -30.5877, -35.9956



75.0020, 33.5230, -65.7768



83.0960, 31.5047, 21.8408



73.7080, -26.9710, 64.2771

Rectangle

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



62.0440, -30.5877, -35.9956



69.0910, 8.3361, -60.5928



83.0960, 31.5047, 21.8408



67.8740, 4.9921, 79.0405

Sweetspot

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



62.0440, -30.5877, -35.9956



109.5240, -11.5973, -13.6145



71.2560, -35.1292, 20.8235



53.4090, -7.1036, -8.2517



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



62.0440, -30.5877, -35.9956



79.6870, -39.2857, -46.2065



58.6150, -16.5722, -51.4054



46.6470, -1.3050, -1.4444



73.2190, -36.0970, -42.2881



156.7270, -77.2664, -90.9686

Inverse Universe

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



32.9560, 30.5877, 35.9956



42.3130, 39.2857, 46.2065



36.3850, 16.5722, 51.4054



45.3530, 1.3050, 1.4444



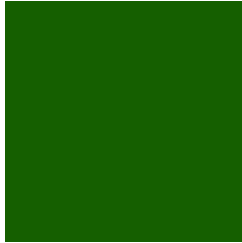
38.7810, 36.0970, 42.2881



83.2730, 77.2664, 90.9686

Previews

White Background



This preview shows how the YUV color 62.0440, -30.5877, -35.9956 looks on a white background.

Color Contrast Check

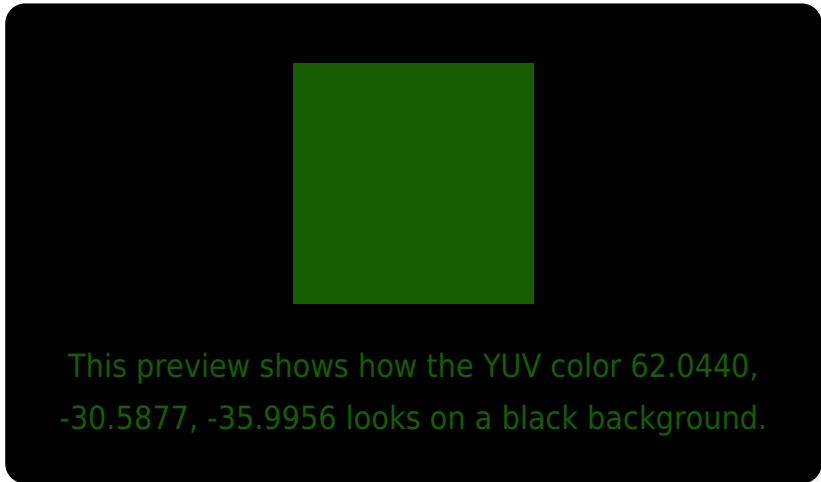
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

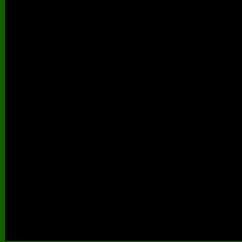
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.0440, -30.5877, -35.9956 Background



This preview shows how black text looks on a background with the YUV color 62.0440, -30.5877, -35.9956.



This preview shows how white text looks on a background with the YUV color 62.0440, -30.5877, -35.9956.

-35.9956.

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



Protanopia

75.6420, -37.2915, 14.3460

Deuteranopia

78.2760, -28.7301, 21.6829

Tritanopia

75.6420, 9.5435, -27.7500

Trichromacy



Protanomaly

70.8030, -34.9059, -4.2122

Deuteranomaly

72.6170, -29.3912, 0.3359

Tritanomaly

71.0210, -5.4334, -30.7134

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9370, -11.3079, -13.0997

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.0440, -30.5877, -35.9956 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(21, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(21, 95, 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(21, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 95, 0) }
```

Border

The CSS property to change the border of an element to YUV 62.0440, -30.5877, -35.9956 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(21, 95, 0) }
```

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

```
.border{ border-color:rgb(21, 95, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 95, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 95, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 95, 0); box-shadow:4px  
4px 4px 4px rgb(21, 95, 0) }
```


Background

The CSS property to change the background color of an element to YUV 62.0440, -30.5877, -35.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 95, 0) }
```

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

```
.background{ background-color: rgb(21, 95,  
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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