

Converting Colors

YUV(163.3430, -40.5951,
0.5762)

Have a look what the booklet for
YUV(163.3430, -40.5951, 0.5762)
contains.

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Color

**YUV(163.3430, -40.5951,
0.5762)**

Conversions

Conversions Part 1	
Format	Color
Hex	A4B351
RGB	164, 179, 81
RGB Percent	64%, 70%, 32%
CMY	0.3569, 0.2980, 0.6824
CMYK	0.08, 0.00, 0.55, 0.30
HSL	69°, 39%, 51%
HSV	69°, 55%, 70%
XYZ	32.9151, 40.7268, 13.9108
YIQ	163.3430, 22.5180, -33.6580

Conversions

Conversions Part 2

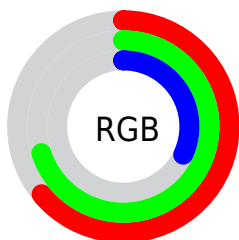
Format	Color
RYB	81, 179, 96
Decimal	10793809
CIELab	69.98, -19.50, 47.52
CIELCh	70, 51.364, 112.313
Yxy	40.7268, 0.3759, 0.4652
Android (android.graphics.Color)	4288983889 (0xFFA4B351)
YUV	163.3430, -40.5951, 0.5762
Hunter-Lab	63.8175, -19.6159, 31.7484

Details

The YUV color **163.3430, -40.5951, 0.5762** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **96.6570, 40.5951, -0.5762**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1860, -42.4897, 1.5909**, and **110.1580, -40.0109, -0.1386** is the 20% darker color. If you saturate the color by 10%, you get **160.3940, -48.0152, 0.5315**, and if you desaturate by 10%, it is **166.2920, -33.1750, 0.6209**.

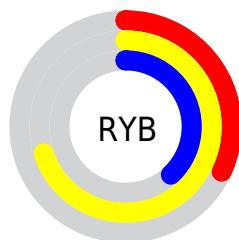
Distribution



Red (64%)

Green (70%)

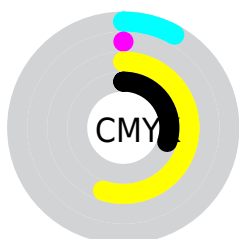
Blue (32%)



Red (32%)

Yellow (70%)

Blue (38%)

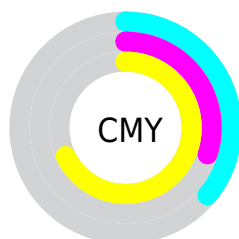


Cyan (8%)

Magenta (0%)

Yellow (55%)

Black (30%)



Cyan (36%)

Magenta (30%)


Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the YUV color 163.3430, -40.5951, 0.5762 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 163.3430, -40.5951, 0.5762 by changing the saturation by 10% instead.


 163.3430,
-40.5951, 0.5762

 163.3430,
-40.5951, 0.5762


 255.0000, 0.0000,
0.0000

 136.4570,
-40.1583, 0.4762


 219.1860,
-42.4897, 1.5909


 110.1580,
-40.0109, -0.1386


 242.6750,
-40.7588, 6.4240

 84.4030, -41.6107,
-0.3534


 247.3620,
-29.2655, 6.6985

 62.8400, -30.9801,
-3.3677

 250.5540,
-17.0351, 3.8991


 42.1520, -20.7809,
-8.0263


 253.8600, -4.3680,
0.9998


 20.5670, -10.1395,
-14.5293


 0.0000, 0.0000,

0.0000

 163.3430,
-40.5951, 0.5762


 163.3430,
-40.5951, 0.5762


 160.3940,
-48.0152, 0.5315


 166.2920,
-33.1750, 0.6209

 157.7440,
-55.5828, 1.1015


 168.9420,
-25.6074, 0.0509


 154.7950,
-63.0029, 1.0568


 171.8910,
-18.1873, 0.0956

 151.8460,
-70.4231, 1.0121

 174.8400,
-10.7671, 0.1403

 150.5210,
-74.2069, 1.2971

 177.7890, -3.3470,
0.1850

 180.3250, 3.7838,
-0.2850

■ 183.2740, 11.2039,
-0.2403

■ 186.2230, 18.6241,
-0.1956

■ 189.1720, 26.0442,
-0.1508

Harmonies

Analogous

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



167.4230, -45.0715, 36.4630



163.3430, -40.5951, 0.5762



156.0030, -21.6935, -42.0986

Triad

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



163.3430, -40.5951, 0.5762



139.3460, 51.5944, -122.2064



174.2100, 5.3195, 67.3448

Complementary

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



163.3430, -40.5951, 0.5762



96.6570, 40.5951, -0.5762

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.



176.1040, 26.0777, 35.8658



163.3430, -40.5951, 0.5762



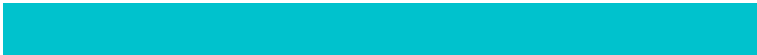
147.5870, 52.9546, -91.7228

Square

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



163.3430, -40.5951, 0.5762



137.2480, 33.4017, -120.3665



171.6830, 41.0753, -14.6310



170.6350, -16.0891, 73.9881

Rectangle

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



163.3430, -40.5951, 0.5762



145.2120, -2.0765, -80.8699



171.6830, 41.0753, -14.6310



175.4030, 12.6193, 59.2826

Sweetspot

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



163.3430, -40.5951, 0.5762



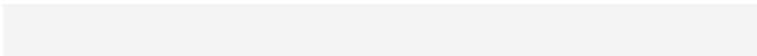
225.9880, -15.2771, 0.0105



119.1070, -18.7868, 52.5262



113.5950, -9.1673, 0.3552



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



163.3430, -40.5951, 0.5762



207.6810, -63.4397, 1.1568



148.6920, -33.3722, -29.5479



87.6750, -3.7838, 0.2850



128.6810, -63.4397, 1.1568



21.8400, -10.7671, 0.1403

Inverse Universe

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



96.6570, 40.5951, -0.5762



103.3190, 63.4397, -1.1568



111.3080, 33.3722, 29.5479



81.6240, 3.6364, 0.3298



24.3190, 63.4397, -1.1568



4.1600, 10.7671, -0.1403

Previews

White Background



This preview shows how the YUV color 163.3430, -40.5951, 0.5762 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 163.3430, -40.5951, 0.5762 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 163.3430, -40.5951, 0.5762

Background



This preview shows how black text looks on a background with the YUV color 163.3430, -40.5951, 0.5762.



This preview shows how white text looks on a background with the YUV color 163.3430, -40.5951,

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

163.3430, -40.5951, 0.5762

Protanopia

165.7800, -43.2755, 20.3639

Deuteranopia

168.1610, -40.9984, 36.6928



Tritanopia

171.6890, 5.0833, 2.9037

Trichromacy



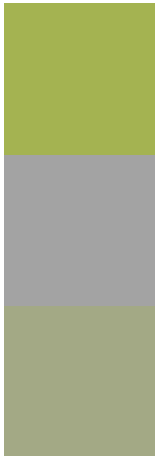
Original Color
163.3430, -40.5951, 0.5762

Protanomaly
164.9640, -42.3803, 13.1866

Deuteranomaly
166.4860, -40.6656, 23.2528

Tritanomaly
168.6230, -11.6461, 2.0846

Monochromacy



Original Color
163.3430, -40.5951, 0.5762

Achromatopsia
163.0000, 0.0000, 0.0000

Achromatomaly
163.1020, -14.8403, -0.0895

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3430, -40.5951, 0.5762 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(164, 179, 81)` looks like.

```
.text, #text, p{  
    color:rgb(164, 179, 81)  
}
```

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(164, 179, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 179, 81) }
```

Border

The CSS property to change the border of an element to YUV 163.3430, -40.5951, 0.5762 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(164, 179, 81) }
```


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

```
.border{ border-color:rgb(164, 179, 81) }
```

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

Here you see how a box with a 4 pixel rgb(164, 179, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 179, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 179, 81);  
box-shadow:4px 4px 4px 4px rgb(164, 179,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 163.3430, -40.5951, 0.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 179, 81) }
```

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

```
.background{ background-color: rgb(164,  
179, 81) }
```

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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