

Converting Colors

YUV(83.8230, -15.1957,
-26.1548)

Have a look what the booklet for
YUV(83.8230, -15.1957, -26.1548)
contains.

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Color

**YUV(83.8230, -15.1957,
-26.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	366935
RGB	54, 105, 53
RGB Percent	21%, 41%, 21%
CMY	0.7882, 0.5882, 0.7922
CMYK	0.49, 0.00, 0.50, 0.59
HSL	119°, 33%, 31%
HSV	119°, 50%, 41%
XYZ	7.2155, 11.1445, 5.1390
YIQ	83.8230, -13.7040, -26.9840

Conversions

Conversions Part 2

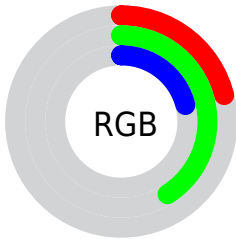
Format	Color
R_{YB}	53, 105, 104
Decimal	3565877
CIE _{Lab}	39.82, -28.90, 23.97
CIE _{LCh}	40, 37.548, 140.332
Yxy	11.1445, 0.3071, 0.4743
Android (android.graphics.Color)	4281755957 (0xFF366935)
YUV	83.8230, -15.1957, -26.1548
Hunter-Lab	33.3833, -19.8397, 14.2413

Details

The YUV color $[83.8230, -15.1957, -26.1548]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[74.1770, 15.1957, 26.1548]$, and the grayscale version is $[84.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[134.7690, -16.6481, -26.9844]$, and $[34.3710, -13.0009, -30.1434]$ is the 20% darker color. If you saturate the color by 10%, you get $[79.6930, -18.0896, -31.3028]$, and if you desaturate by 10%, it is $[88.0670, -11.8650, -21.1068]$.

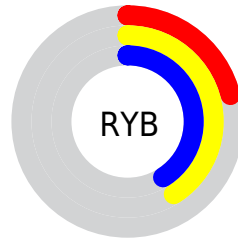
Distribution



Red (21%)

Green (41%)

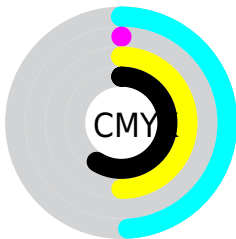
Blue (21%)



Red (21%)

Yellow (41%)

Blue (41%)

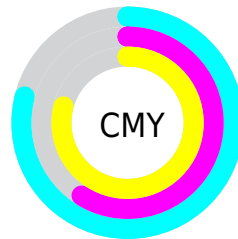


Cyan (49%)

Magenta (0%)

Yellow (50%)

Black (59%)



Cyan (79%)

Magenta (59%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8230, -15.1957, -26.1548 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 83.8230, -15.1957, -26.1548 by changing the saturation by 10% instead.

■ 83.8230, -15.1957,
-26.1548

■ 83.8230, -15.1957,
-26.1548

255.0000, 0.0000,
0.0000

■ 59.7520, -14.1747,
-26.9695

■ 134.7690,
-16.6481, -26.9844

■ 34.3710, -13.0009,
-30.1434

■ 161.5410,
-17.5217, -26.7845

■ 21.1320, -10.4181,
-18.5328

■ 188.7150,
-18.1005, -27.8141

■ 0.0000, 0.0000,
0.0000

■ 216.6010,
-18.5373, -27.7141

■ 236.9700,
-14.7752, -21.0217

■ 248.8330, -6.8197,

-5.9925

■ 83.8230, -15.1957,
-26.1548

■ 83.8230, -15.1957,
-26.1548

■ 79.6930, -18.0896,
-31.3028

■ 88.0670, -11.8650,
-21.1068

■ 75.1500, -21.2729,
-36.9655

■ 92.4960, -9.1185,
-15.3440

■ 71.0200, -24.1669,
-42.1135

■ 96.7400, -5.7878,
-10.2960

■ 66.7760, -27.4976,
-47.1616

■ 100.8700, -2.8939,
-5.1480

■ 62.6460, -30.3915,
-52.3095

■ 105.1140, 0.4368,
-0.1000

■ 62.2330, -30.6809,
-52.8243

■ 109.5430, 3.1833,
5.6628

■ 113.7870, 6.5140,
10.7108

■ 117.9170, 9.4079,
15.8588

■ 122.4600, 12.5912,
21.5216

Harmonies

Analogous

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



89.0840, -27.6494, 1.6803



83.8230, -15.1957, -26.1548



72.8580, 5.0000, -63.8965

Triad

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



83.8230, -15.1957, -26.1548



76.2560, 38.3278, -66.8765



93.2020, -9.4666, 49.8118

Complementary

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



83.8230, -15.1957, -26.1548



74.1770, 15.1957, 26.1548

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.



95.2410, 4.8112, 43.6386



83.8230, -15.1957, -26.1548



93.3660, 28.4136, -13.4760

Square

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



83.8230, -15.1957, -26.1548



78.1820, 30.4763, -68.5656



96.8390, 17.8274, 22.0662



92.8300, -22.1012, 42.2451

Rectangle

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



83.8230, -15.1957, -26.1548



75.8390, 13.8834, -66.5108



96.8390, 17.8274, 22.0662



93.7550, -4.8092, 49.3269

Sweetspot

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



83.8230, -15.1957, -26.1548



129.3270, -6.0772, -10.8108



97.8980, -22.1347, 6.2285



63.9300, -3.9095, -6.0776



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



83.8230, -15.1957, -26.1548



104.7320, -24.0249, -40.9840



86.2600, -4.5652, -29.1690



51.5220, -1.7363, -3.0888



69.2770, -34.1536, -59.0019



145.3100, -71.6378, -123.0519

Inverse Universe

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



74.1770, 15.1957, 26.1548



89.2680, 24.0249, 40.9840



71.7400, 4.5652, 29.1690



50.1790, 1.8838, 2.4740



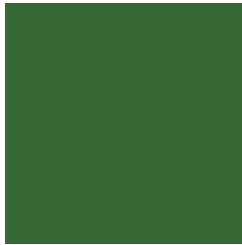
47.7230, 34.1536, 59.0019



99.6900, 71.6378, 123.0519

Previews

White Background



This preview shows how the YUV color 83.8230, -15.1957, -26.1548 looks on a white background.

Color Contrast Check

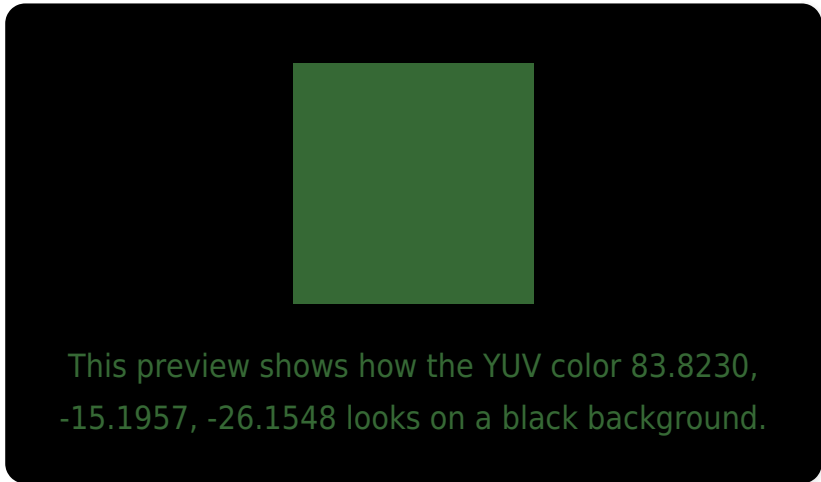
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 83.8230, -15.1957, -26.1548

Background



This preview shows how black text looks on a background with the YUV color 83.8230, -15.1957, -26.1548.



This preview shows how white text looks on a background with the YUV color 83.8230, -15.1957, -26.1548.

-26.1548.

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

83.8230, -15.1957, -26.1548

Protanopia

91.5610, -20.9826, 10.0320

Deuteranopia

92.5280, -17.5153, 17.9539



Tritanopia

89.7460, 8.5062, -21.7022

Trichromacy



Original Color

83.8230, -15.1957, -26.1548

Protanomaly

88.6410, -19.0500, -3.1932

Deuteranomaly

89.6570, -16.5929, 2.0548

Tritanomaly

87.4440, -0.2189, -23.1914

Monochromacy



Original Color

83.8230, -15.1957, -26.1548

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1530, -5.4984, -9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8230, -15.1957, -26.1548 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(54, 105, 53)` looks like.

```
.text, #text, p{  
    color:rgb(54, 105, 53)  
}
```

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(54, 105, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 105, 53) }
```

Border

The CSS property to change the border of an element to YUV 83.8230, -15.1957, -26.1548 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(54, 105, 53) }
```


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

```
.border{ border-color:rgb(54, 105, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 105, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 105, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 105, 53);  
box-shadow:4px 4px 4px 4px rgb(54, 105,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 83.8230, -15.1957, -26.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 105, 53) }
```

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

```
.background{ background-color: rgb(54, 105,  
53) }
```

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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