

Converting Colors

YUV(136.7350, -15.1524,
-40.1096)

Have a look what the booklet for
YUV(136.7350, -15.1524, -40.1096)
contains.

YUV(136.7350, -15.1524, -40.1096)	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(136.7350, -15.1524,
-40.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA66A
RGB	91, 166, 106
RGB Percent	36%, 65%, 42%
CMY	0.6431, 0.3490, 0.5843
CMYK	0.45, 0.00, 0.36, 0.35
HSL	132°, 30%, 50%
HSV	132°, 45%, 65%
XYZ	20.5521, 30.5372, 18.4467
YIQ	136.7350, -25.4400, -34.5600

Conversions

Conversions Part 2

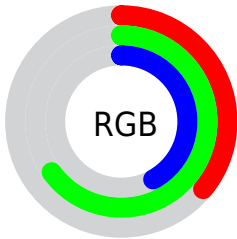
Format	Color
RYB	91, 154, 166
Decimal	6006378
CIELab	62.11, -36.60, 24.01
CIElCh	62, 43.771, 146.727
Yxy	30.5372, 0.2956, 0.4392
Android (android.graphics.Color)	4284196458 (0xFF5BA66A)
YUV	136.7350, -15.1524, -40.1096
Hunter-Lab	55.2605, -30.3192, 18.8905

Details

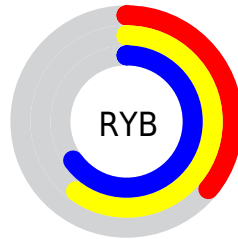
The YUV color **136.7350, -15.1524, -40.1096** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **120.2650, 15.1524, 40.1096**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6810, -16.6047, -40.9392**, and **83.7070, -12.6736, -41.8390** is the 20% darker color. If you saturate the color by 10%, you get **130.1700, -18.3248, -49.2611**, and if you desaturate by 10%, it is **143.3000, -11.9799, -30.9581**.

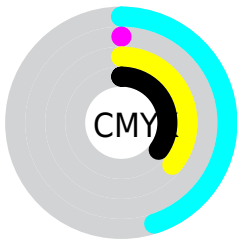
Distribution



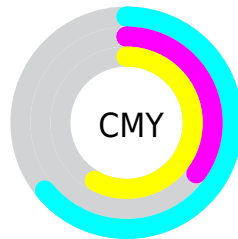
- Red (36%)
- Green (65%)
- Blue (42%)



- Red (36%)
- Yellow (60%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7350, -15.1524, -40.1096 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 136.7350, -15.1524, -40.1096 by changing the saturation by 10% instead.

■ 136.7350,
-15.1524, -40.1096

■ 136.7350,
-15.1524, -40.1096

■ 255.0000, 0.0000,
0.0000

■ 109.9630,
-14.2788, -40.3096

■ 191.6810,
-16.6047, -40.9392

■ 83.7070, -12.6736,
-41.8390

■ 219.5670,
-17.0415, -40.8393

■ 55.6460, -10.1785,
-48.8015

■ 234.0660,
-10.3855, -28.9989

■ 39.0500, -12.8426,
-34.2468

■ 245.9290, -2.4300,
-13.9697

■ 24.6540, -12.1544,
-21.6216

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,

0.0000

■ 136.7350,
-15.1524, -40.1096

■ 136.7350,
-15.1524, -40.1096

■ 130.1700,
-18.3248, -49.2611

■ 143.3000,
-11.9799, -30.9581

■ 123.7900,
-22.0815, -57.6978

■ 149.6800, -8.2232,
-22.5214

■ 117.2250,
-25.2539, -66.8493

■ 156.2450, -5.0508,
-13.3699

■ 110.9590,
-28.5738, -75.3860

■ 162.5110, -1.7309,
-4.8331

■ 104.3940,
-31.7462, -84.5375

■ 169.0760, 1.4415,
4.3183

■ 101.2040,
-33.6246, -88.7559

■ 175.7550, 5.0508,
13.3699

■ 182.0210, 8.3706,
21.9066

■ 188.5860, 11.5431,
31.0581

■ 194.9660, 15.2998,
39.4948

Harmonies

Analogous

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



143.1990, -32.1431, -3.6825



136.7350, -15.1524, -40.1096



116.2060, 13.7024, -101.9127

Triad

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



136.7350, -15.1524, -40.1096



138.3910, 43.6842, -58.2249



151.0420, -16.7827, 63.1072

Complementary

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



136.7350, -15.1524, -40.1096



120.2650, 15.1524, 40.1096

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.



152.5310, 1.7102, 58.2933



136.7350, -15.1524, -40.1096



152.2730, 32.8964, -4.6244

Square

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



136.7350, -15.1524, -40.1096



121.2510, 45.7253, -106.3371



154.5570, 18.9524, 34.5915



149.1810, -31.1482, 50.7073

Rectangle

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



136.7350, -15.1524, -40.1096



119.2840, 25.4960, -104.6121



154.5570, 18.9524, 34.5915



151.6490, -10.6730, 63.4518

Sweetspot

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



136.7350, -15.1524, -40.1096



204.8810, -6.3503, -16.5586



152.9650, -30.5487, -1.7233



102.6090, -3.7512, -10.1811



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



136.7350, -15.1524, -40.1096



171.3010, -23.8124, -62.5310



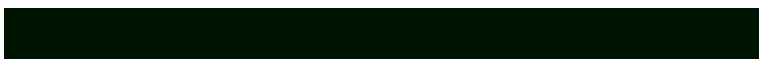
141.0670, 1.4460, -43.9088



80.8100, -1.8783, -4.2184



90.2960, -29.7259, -79.1896



12.1960, -4.0406, -10.6959

Inverse Universe

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



120.2650, 15.1524, 40.1096



145.5850, 23.3756, 62.6310



116.0470, -1.0092, 43.8088



79.0760, 1.4415, 4.3183



57.7040, 29.7259, 79.1896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 136.7350, -15.1524, -40.1096 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 136.7350, -15.1524, -40.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

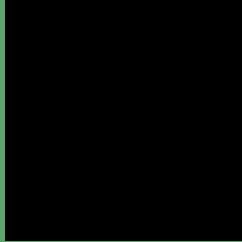
Any Text WCAG AA ✓ Pass

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 136.7350, -15.1524, -40.1096 Background



This preview shows how black text looks on a background with the YUV color 136.7350, -15.1524, -40.1096.



This preview shows how white text looks on a background with the YUV color 136.7350, -15.1524, -40.1096.

-40.1096.

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

136.7350, -15.1524, -40.1096

Protanopia

147.1870, -23.7562, 12.9910

Deuteranopia

149.2190, -18.8420, 23.4869



Tritanopia

143.6350, 13.4909, -33.8829

Trichromacy



Original Color

136.7350, -15.1524, -40.1096

Protanomaly

143.2770, -20.3496, -6.3819

Deuteranomaly

144.4180, -17.4611, 0.5104

Tritanomaly

141.1650, 2.8767, -36.1017

Monochromacy



Original Color

136.7350, -15.1524, -40.1096

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1200, -5.4822, -15.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7350, -15.1524, -40.1096 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(91, 166, 106)` looks like.

```
.text, #text, p{  
    color:rgb(91, 166, 106)  
}
```

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(91, 166, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 166, 106) }
```

Border

The CSS property to change the border of an element to YUV 136.7350, -15.1524, -40.1096 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(91, 166, 106) }
```


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

```
.border{ border-color:rgb(91, 166, 106) }
```

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

Here you see how a box with a 4 pixel rgb(91, 166, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 166, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 166, 106);  
box-shadow:4px 4px 4px 4px rgb(91, 166,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 136.7350, -15.1524, -40.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 166, 106) }
```

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

```
.background{ background-color: rgb(91, 166,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor