

Converting Colors

YUV(148.7850, -51.1660,
-15.5974)

Have a look what the booklet for
YUV(148.7850, -51.1660, -15.5974)
contains.

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Color

**YUV(148.7850, -51.1660,
-15.5974)**

Conversions

Conversions Part 1

Format	Color
Hex	83B22D
RGB	131, 178, 45
RGB Percent	51%, 70%, 18%
CMY	0.4863, 0.3020, 0.8235
CMYK	0.26, 0.00, 0.75, 0.30
HSL	81°, 60%, 44%
HSV	81°, 75%, 70%
XYZ	25.7541, 36.8555, 8.2391
YIQ	148.7850, 14.6810, -51.3270

Conversions

Conversions Part 2

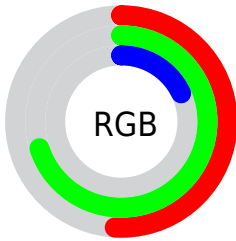
Format	Color
RYB	45, 178, 92
Decimal	8630829
CIELab	67.17, -34.94, 58.80
CIELCh	67, 68.396, 120.717
Yxy	36.8555, 0.3635, 0.5202
Android (android.graphics.Color)	4286820909 (0xFF83B22D)
YUV	148.7850, -51.1660, -15.5974
Hunter-Lab	60.7088, -30.5163, 34.4496

Details

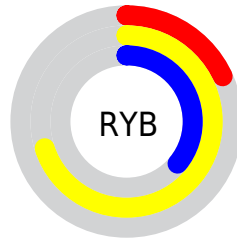
The YUV color **148.7850, -51.1660, -15.5974** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **74.2150, 51.1660, 15.5974**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6710, -51.6028, -15.4975**, and **96.0990, -47.3768, -17.6268** is the 20% darker color. If you saturate the color by 10%, you get **144.9390, -58.1439, -17.4865**, and if you desaturate by 10%, it is **152.6310, -44.1881, -13.7084**.

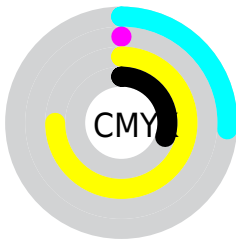
Distribution



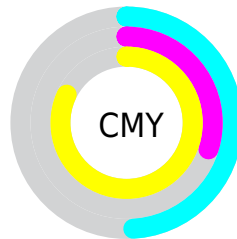
- Red (51%)
- Green (70%)
- Blue (18%)



- Red (18%)
- Yellow (70%)
- Blue (36%)



- Cyan (26%)
- Magenta (0%)
- Yellow (75%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7850, -51.1660, -15.5974 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 148.7850, -51.1660, -15.5974 by changing the saturation by 10% instead.

■ 148.7850,
-51.1660, -15.5974

■ 148.7850,
-51.1660, -15.5974

■ 255.0000, 0.0000,
0.0000

■ 120.2320,
-55.8234, -15.1125

■ 204.6710,
-51.6028, -15.4975

■ 96.0990, -47.3768,
-17.6268

■ 228.8610,
-49.7245, -11.2791

■ 73.3510, -36.1620,
-21.3558

■ 240.9090,
-42.3531, 4.4648

■ 49.4070, -24.3577,
-27.5439

■ 246.7920,
-31.4495, 7.1984

■ 30.5240, -15.0483,
-26.7695

■ 250.0980,
-18.7823, 4.2991

■ 19.3710, -9.5499,
-16.9884

■ 253.4040, -6.1152,

■ 0.0000, 0.0000,

1.3997

0.0000

■ 148.7850,
-51.1660, -15.5974

■ 148.7850,
-51.1660, -15.5974

■ 144.9390,
-58.1439, -17.4865

■ 152.6310,
-44.1881, -13.7084

■ 140.7940,
-64.9744, -19.9903

■ 156.7760,
-37.3576, -11.2046

■ 138.8710,
-68.4634, -20.9349

■ 160.5080,
-30.8164, -9.2155

■ 164.3540,
-23.8385, -7.3265

■ 168.2000,
-16.8606, -5.4374

■ 172.3450,
-10.0301, -2.9336

■ 176.1910, -3.0522,
-1.0445

■ 179.9230, 3.4890,
0.9445

■ 184.0680, 10.3195,
3.4484

Harmonies

Analogous

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



153.9240, -68.4895, 34.2697



148.7850, -51.1660, -15.5974



122.6530, -11.1679, -104.9357

Triad

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



148.7850, -51.1660, -15.5974



137.6650, 57.8462, -120.7322



155.5160, 4.6756, 87.2475

Complementary

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



148.7850, -51.1660, -15.5974



74.2150, 51.1660, 15.5974

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.



166.9640, 28.6117, 63.1756



148.7850, -51.1660, -15.5974



128.8600, 62.1870, -113.0102

Square

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



148.7850, -51.1660, -15.5974



138.3540, 42.7165, -121.3365



163.8080, 44.9577, 0.1684



153.8450, -24.5736, 88.7129

Rectangle

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



148.7850, -51.1660, -15.5974



128.3050, 6.7516, -112.5235



163.8080, 44.9577, 0.1684



158.9700, 12.8328, 84.2183

Sweetspot

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



148.7850, -51.1660, -15.5974



220.8040, -19.6234, -5.9671



112.3560, -33.2065, 57.5698



110.5900, -11.6299, -3.1484



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.



148.7850, -51.1660, -15.5974



186.0480, -80.3827, -24.5981



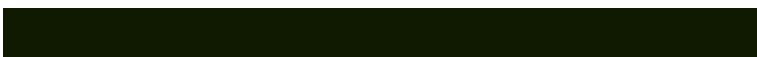
129.0510, -41.4371, -56.1727



87.0770, -3.4890, -0.9445



119.4120, -58.8701, -17.9013



20.0460, -9.8827, -3.5483

Inverse Universe

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



74.2150, 51.1660, 15.5974



68.9520, 80.3827, 24.5981



93.9490, 41.4371, 56.1727



81.9230, 3.4890, 0.9445



33.5880, 58.8701, 17.9013



5.6550, 10.0301, 2.9336

Previews

White Background



This preview shows how the YUV color 148.7850, -51.1660, -15.5974 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 148.7850, -51.1660, -15.5974 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 148.7850, -51.1660, -15.5974 Background



This preview shows how black text looks on a background with the YUV color 148.7850, -51.1660, -15.5974.



This preview shows how white text looks on a background with the YUV color 148.7850, -51.1660, -15.5974.

-15.5974.

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

148.7850, -51.1660, -15.5974

Protanopia

155.0720, -56.2375, 24.4929

Deuteranopia

158.2510, -50.9027, 40.1219



Tritanopia

161.8010, 8.4791, -12.9805

Trichromacy



Original Color

148.7850, -51.1660, -15.5974

Protanomaly

152.4400, -54.4469, 10.1381

Deuteranomaly

154.4180, -50.9851, 19.8044

Tritanomaly

156.7690, -13.1971, -13.8294

Monochromacy



Original Color

148.7850, -51.1660, -15.5974

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0320, -18.7498, -6.1671

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7850, -51.1660, -15.5974 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(131, 178, 45)` looks like.

```
.text, #text, p{  
    color:rgb(131, 178, 45)  
}
```

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(131, 178, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 178, 45) }
```

Border

The CSS property to change the border of an element to YUV 148.7850, -51.1660, -15.5974 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(131, 178, 45) }
```


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

```
.border{ border-color:rgb(131, 178, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 178, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 178, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 178, 45);  
box-shadow:4px 4px 4px 4px rgb(131, 178,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 148.7850, -51.1660, -15.5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 178, 45) }
```

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

```
.background{ background-color: rgb(131,  
178, 45) }
```

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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