

Converting Colors

YUV(174.1770, -42.4853,
-46.6362)

Have a look what the booklet for
YUV(174.1770, -42.4853, -46.6362)
contains.

YUV(174.1770, -42.4853, -46.6362)	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(174.1770, -42.4853,
-46.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	79DA58
RGB	121, 218, 88
RGB Percent	47%, 85%, 35%
CMY	0.5255, 0.1451, 0.6549
CMYK	0.44, 0.00, 0.60, 0.15
HSL	105°, 64%, 60%
HSV	105°, 60%, 85%
XYZ	34.7180, 54.9123, 18.0018
YIQ	174.1770, -16.0820, -60.9940

Conversions

Conversions Part 2

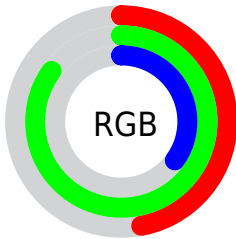
Format	Color
R_{YB}	88, 218, 185
Decimal	7985752
CIE _{Lab}	78.99, -52.03, 54.01
CIE _{LCh}	79, 74.990, 133.929
Yxy	54.9123, 0.3226, 0.5102
Android (android.graphics.Color)	4286175832 (0xFF79DA58)
YUV	174.1770, -42.4853, -46.6362
Hunter-Lab	74.1029, -46.0508, 37.4687

Details

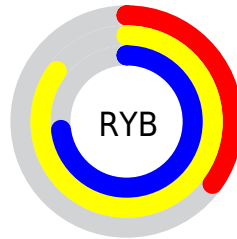
The YUV color **174.1770, -42.4853, -46.6362** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **131.8230, 42.4853, 46.6362**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3940, -38.1552, -35.4255**, and **116.9810, -41.8956, -49.0953** is the 20% darker color. If you saturate the color by 10%, you get **166.8850, -49.7363, -54.2731**, and if you desaturate by 10%, it is **181.4690, -35.2342, -38.9993**.

Distribution



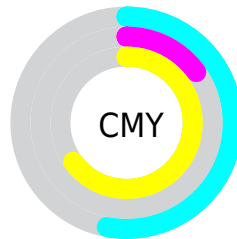
- Red (47%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (53%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1770, -42.4853, -46.6362 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 174.1770, -42.4853, -46.6362 by changing the saturation by 10% instead.

■ 174.1770,
-42.4853, -46.6362

■ 174.1770,
-42.4853, -46.6362

255.0000, 0.0000,
0.0000

■ 145.9920,
-41.9011, -47.3510

■ 219.3940,
-38.1552, -35.4255

■ 116.9810,
-41.8956, -49.0953

■ 231.2570,
-30.1997, -20.3964

■ 86.4210, -42.6056,
-54.7432

■ 243.4190,
-22.3916, -4.7525

■ 63.9830, -31.5436,
-56.1131

■ 251.6940,
-12.6671, 2.8994

■ 49.3080, -24.3088,
-43.2431

■ 34.6330, -17.0741,
-30.3731

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 174.1770,
-42.4853, -46.6362

■ 174.1770,
-42.4853, -46.6362

■ 166.8850,
-49.7363, -54.2731

■ 181.4690,
-35.2342, -38.9993

■ 159.2940,
-56.8399, -62.5248

■ 189.0600,
-28.1306, -30.7476

■ 152.1160,
-63.6542, -70.2617

■ 196.2380,
-21.3163, -23.0107

■ 144.8240,
-70.9052, -77.8986

■ 203.5300,
-14.0653, -15.3738

■ 144.4110,
-71.1946, -78.4134

■ 210.8220, -6.8142,
-7.7369

■ 218.4130, 0.2894,
0.5148

■ 225.7050, 7.5404,
8.1517

■ 232.0850, 11.2971,
16.5885

■ 233.2810, 10.7075,
19.0476

Harmonies

Analogous

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



183.3470, -70.1771, 15.4817



174.1770, -42.4853, -46.6362



150.2180, 1.8645, -131.7412

Triad

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



174.1770, -42.4853, -46.6362



154.6880, 49.4538, -135.6614



170.8920, -2.4118, 73.7627

Complementary

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



174.1770, -42.4853, -46.6362



131.8230, 42.4853, 46.6362

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.



182.3940, 26.4278, 63.6755



174.1770, -42.4853, -46.6362



177.0560, 38.4264, -51.7921

Square

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



174.1770, -42.4853, -46.6362



161.1450, 46.2705, -141.3242



196.8100, 28.6877, 38.7546



175.8090, -36.8808, 69.4505

Rectangle

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



174.1770, -42.4853, -46.6362



157.5650, 22.3995, -138.1845



196.8100, 28.6877, 38.7546



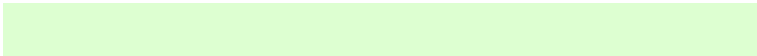
172.9270, 7.9240, 71.9780

Sweetspot

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



174.1770, -42.4853, -46.6362



239.5900, -15.0809, -16.3034



182.6350, -46.6551, 31.0151



118.4150, -9.5716, -10.0110



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



174.1770, -42.4853, -46.6362



193.0610, -60.1761, -65.8285



167.7300, -24.5169, -69.9232



106.0550, -3.4781, -4.4332



114.7070, -56.5506, -62.0100



30.5900, -15.0809, -16.3034

Inverse Universe

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



131.8230, 42.4853, 46.6362



132.9390, 60.1761, 65.8285



138.2700, 24.5169, 69.9232



102.6460, 3.6255, 3.8185



58.2930, 56.5506, 62.0100



15.4100, 15.0809, 16.3034

Previews

White Background



This preview shows how the YUV color 174.1770, -42.4853, -46.6362 looks on a white background.

Color Contrast Check

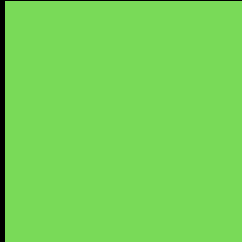
Large Text (above 18pt) WCAG AA × Fail

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 174.1770, -42.4853, -46.6362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

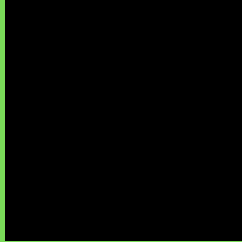
Any Text WCAG AA ✓ Pass

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 174.1770, -42.4853, -46.6362 Background



This preview shows how black text looks on a background with the YUV color 174.1770, -42.4853, -46.6362.



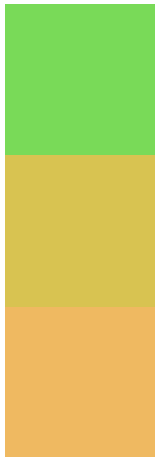
This preview shows how white text looks on a background with the YUV color 174.1770, -42.4853, -46.6362.

-46.6362.

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

174.1770, -42.4853, -46.6362

Protanopia

188.2830, -52.8905, 24.3078

Deuteranopia

191.1140, -46.3982, 41.9960



Tritanopia

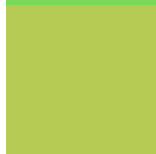
188.2970, 16.1226, -37.9715

Trichromacy



Original Color

174.1770, -42.4853, -46.6362



Protanomaly

182.8560, -48.7360, -1.6277



Deuteranomaly

184.9590, -44.8428, 9.6830



Tritanomaly

183.0690, -4.9640, -41.2795

Monochromacy



Original Color

174.1770, -42.4853, -46.6362



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.1770, -15.3703, -16.8182

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1770, -42.4853, -46.6362 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(121, 218, 88)` looks like.

```
.text, #text, p{  
    color:rgb(121, 218, 88)  
}
```

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(121, 218, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 218, 88) }
```

Border

The CSS property to change the border of an element to YUV 174.1770, -42.4853, -46.6362 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(121, 218, 88) }
```


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

```
.border{ border-color:rgb(121, 218, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 218, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 218, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 218, 88);  
box-shadow:4px 4px 4px 4px rgb(121, 218,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 174.1770, -42.4853, -46.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 218, 88) }
```

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

```
.background{ background-color: rgb(121,  
218, 88) }
```

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