

Converting Colors

YUV(170.3470, -47.0061,
-43.2773)

Have a look what the booklet for
YUV(170.3470, -47.0061, -43.2773)
contains.

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Color

**YUV(170.3470, -47.0061,
-43.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	79D64B
RGB	121, 214, 75
RGB Percent	47%, 84%, 29%
CMY	0.5255, 0.1608, 0.7059
CMYK	0.43, 0.00, 0.65, 0.16
HSL	100°, 63%, 57%
HSV	100°, 65%, 84%
XYZ	33.2017, 52.6661, 15.0723
YIQ	170.3470, -10.8090, -62.9450

Conversions

Conversions Part 2

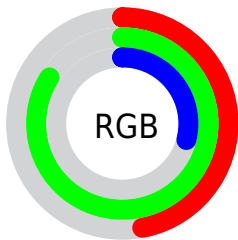
Format	Color
RYB	75, 214, 168
Decimal	7984715
CIELab	77.68, -51.65, 58.05
CIELCh	78, 77.701, 131.657
Yxy	52.6661, 0.3289, 0.5218
Android (android.graphics.Color)	4286174795 (0xFF79D64B)
YUV	170.3470, -47.0061, -43.2773
Hunter-Lab	72.5714, -45.3354, 38.4861

Details

The YUV color **170.3470, -47.0061, -43.2773** 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 **118.6530, 47.0061, 43.2773**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9120, -43.8336, -34.1258**, and **112.1250, -50.3476, -44.8366** is the 20% darker color. If you saturate the color by 10%, you get **163.7670, -54.1151, -49.7847**, and if you desaturate by 10%, it is **176.9270, -39.8970, -36.7700**.

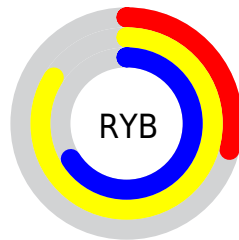
Distribution



Red (47%)

Green (84%)

Blue (29%)



Red (29%)

Yellow (84%)

Blue (66%)

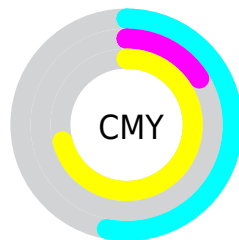


Cyan (43%)

Magenta (0%)

Yellow (65%)

Black (16%)



Cyan (53%)

Magenta (16%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3470, -47.0061, -43.2773 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 170.3470, -47.0061, -43.2773 by changing the saturation by 10% instead.

■ 170.3470,
-47.0061, -43.2773

■ 170.3470,
-47.0061, -43.2773

■ 255.0000, 0.0000,
0.0000

■ 142.0480,
-46.8587, -43.8921

■ 217.9120,
-43.8336, -34.1258

■ 112.1250,
-50.3476, -44.8366

■ 229.7750,
-35.8781, -19.0967

■ 84.6600, -41.7374,
-53.1988

■ 241.9370,
-28.0699, -3.4527

■ 62.2220, -30.6754,
-54.5687

■ 250.3260,
-17.9087, 4.0991

■ 47.5470, -23.4407,
-41.6987

■ 253.6320, -5.2416,
1.1997

■ 32.8720, -16.2059,
-28.8287

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 170.3470,
-47.0061, -43.2773

■ 170.3470,
-47.0061, -43.2773

■ 163.7670,
-54.1151, -49.7847

■ 176.9270,
-39.8970, -36.7700

■ 156.7740,
-61.5136, -56.8068

■ 183.9200,
-32.4986, -29.7478

■ 150.1940,
-68.6226, -63.3141

■ 190.5000,
-25.3895, -23.2405

■ 146.8470,
-72.3956, -66.5178

■ 197.1940,
-17.8436, -16.8331

■ 204.0730,
-10.8820, -9.7110

■ 210.6530, -3.7729,
-3.2037

■ 217.3470, 3.7729,
3.2037

■ 224.2260, 10.7346,
10.3258

■ 229.4380, 12.6021,
18.0329

Harmonies

Analogous

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



178.3170, -78.0503, 20.7700



170.3470, -47.0061, -43.2773



147.3170, -1.6353, -129.1970

Triad

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



170.3470, -47.0061, -43.2773



153.5140, 50.0326, -134.6318



166.3100, 0.3402, 77.7811

Complementary

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



170.3470, -47.0061, -43.2773



118.6530, 47.0061, 43.2773

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.



179.8010, 29.1851, 65.9495



170.3470, -47.0061, -43.2773



167.7980, 42.9906, -69.1058

Square

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



170.3470, -47.0061, -43.2773



159.9710, 46.8493, -140.2946



192.0590, 31.0299, 34.1513



170.8850, -35.4393, 73.7689

Rectangle

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



170.3470, -47.0061, -43.2773



154.7780, 19.3364, -135.7403



192.0590, 31.0299, 34.1513



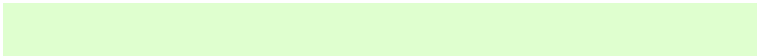
168.4590, 11.1127, 75.8965

Sweetspot

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



170.3470, -47.0061, -43.2773



239.9600, -16.2493, -14.8739



171.1520, -47.4029, 37.5777



118.6000, -10.1558, -9.2962



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.



170.3470, -47.0061, -43.2773



192.5470, -67.3177, -61.8697



159.2150, -30.1790, -73.8566



103.6530, -3.7729, -3.2037



117.4200, -57.8881, -52.9883



29.4270, -14.5075, -13.5295

Inverse Universe

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



118.6530, 47.0061, 43.2773



118.4530, 67.3177, 61.8697



129.7850, 30.1790, 73.8566



99.6460, 3.6255, 3.8185



53.5800, 57.8881, 52.9883



13.5730, 14.5075, 13.5295

Previews

White Background



This preview shows how the YUV color 170.3470, -47.0061, -43.2773 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 170.3470, -47.0061, -43.2773 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 170.3470, -47.0061, -43.2773 Background



This preview shows how black text looks on a background with the YUV color 170.3470, -47.0061, -43.2773.



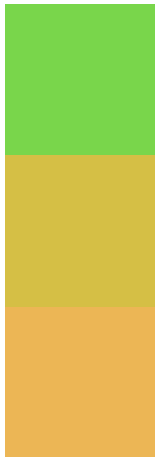
This preview shows how white text looks on a background with the YUV color 170.3470, -47.0061, -43.2773.

-43.2773.

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

170.3470, -47.0061, -43.2773

Protanopia

183.6700, -56.5323, 25.7224

Deuteranopia

187.0880, -50.3294, 42.8958



Tritanopia

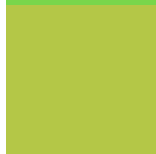
185.3790, 15.0962, -35.4124

Trichromacy



Original Color

170.3470, -47.0061, -43.2773



Protanomaly

178.7270, -53.1094, 1.1164



Deuteranomaly

181.1180, -49.3582, 11.2975



Tritanomaly

179.8090, -7.3008, -38.4205

Monochromacy



Original Color

170.3470, -47.0061, -43.2773



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0200, -17.2649, -15.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3470, -47.0061, -43.2773 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, 214, 75)` looks like.

```
.text, #text, p{  
    color:rgb(121, 214, 75)  
}
```

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, 214, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 214, 75) }
```

Border

The CSS property to change the border of an element to YUV 170.3470, -47.0061, -43.2773 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, 214, 75) }
```


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

```
.border{ border-color:rgb(121, 214, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 214, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 214, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 214, 75);  
box-shadow:4px 4px 4px 4px rgb(121, 214,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 170.3470, -47.0061, -43.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 214, 75) }
```

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

```
.background{ background-color: rgb(121,  
214, 75) }
```

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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