

Converting Colors

YUV(177.2950, -47.9664,
-15.1677)

Have a look what the booklet for
YUV(177.2950, -47.9664, -15.1677)
contains.

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Color

**YUV(177.2950, -47.9664,
-15.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CD50
RGB	160, 205, 80
RGB Percent	63%, 80%, 31%
CMY	0.3725, 0.1961, 0.6863
CMYK	0.22, 0.00, 0.61, 0.20
HSL	82°, 56%, 56%
HSV	82°, 61%, 80%
XYZ	37.7765, 51.7154, 15.5805
YIQ	177.2950, 13.3050, -48.4150

Conversions

Conversions Part 2

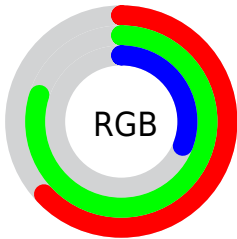
Format	Color
RYB	80, 205, 125
Decimal	10538320
CIELab	77.11, -33.72, 55.93
CIELCh	77, 65.304, 121.087
Yxy	51.7154, 0.3595, 0.4922
Android (android.graphics.Color)	4288728400 (0xFFA0CD50)
YUV	177.2950, -47.9664, -15.1677
Hunter-Lab	71.9134, -32.0815, 37.4939

Details

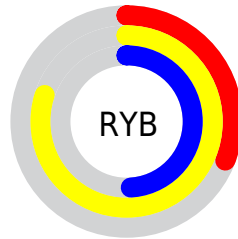
The YUV color **177.2950, -47.9664, -15.1677** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **107.7050, 47.9664, 15.1677**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8440, -47.2511, -11.2642**, and **122.5400, -49.5662, -15.3826** is the 20% darker color. If you saturate the color by 10%, you get **172.9220, -55.6705, -17.4716**, and if you desaturate by 10%, it is **181.7820, -39.8255, -12.9638**.

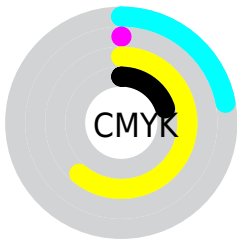
Distribution



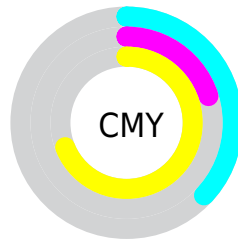
- Red (63%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (61%)
- Black (20%)



- Cyan (37%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2950, -47.9664, -15.1677 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 177.2950, -47.9664, -15.1677 by changing the saturation by 10% instead.

■ 177.2950,
-47.9664, -15.1677

■ 177.2950,
-47.9664, -15.1677

■ 255.0000, 0.0000,
0.0000

■ 149.4090,
-47.5296, -15.2677

■ 229.8440,
-47.2511, -11.2642

■ 122.5400,
-49.5662, -15.3826

■ 241.8920,
-39.8798, 4.4797

■ 96.1100, -47.3822,
-15.8825

■ 247.4760,
-28.8287, 6.5985

■ 73.3620, -36.1675,
-19.6115

■ 250.7820,
-16.1615, 3.6992

■ 50.6030, -24.9473,
-25.0848

■ 254.0880, -3.4944,
0.7998

■ 30.5240, -15.0483,
-26.7695

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 177.2950,
-47.9664, -15.1677

■ 177.2950,
-47.9664, -15.1677

■ 172.9220,
-55.6705, -17.4716

■ 181.7820,
-39.8255, -12.9638

■ 168.1360,
-63.6640, -20.2903

■ 186.4540,
-32.2688, -10.0452

■ 163.7630,
-71.3682, -22.5942

■ 190.9410,
-24.1279, -7.8413

■ 159.5040,
-78.6355, -24.9980

■ 195.6130,
-16.5712, -4.9226

■ 200.1000, -8.4303,
-2.7187

■ 204.4730, -0.7262,
-0.4148

■ 209.2590, 7.2673,
2.4039

■ 213.6320, 14.9714,
4.7077

■ 216.9790, 18.7444,
7.9114

Harmonies

Analogous

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



183.2750, -60.7746, 33.0848



177.2950, -47.9664, -15.1677



162.4390, -16.4854, -79.3150

Triad

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



177.2950, -47.9664, -15.1677



153.5140, 50.0326, -134.6318



177.8510, 6.4825, 67.6597

Complementary

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



177.2950, -47.9664, -15.1677



107.7050, 47.9664, 15.1677

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.



192.2080, 28.4915, 55.0686



177.2950, -47.9664, -15.1677



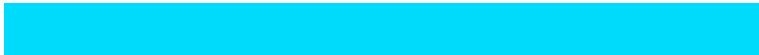
158.7730, 47.4399, -96.2709

Square

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



177.2950, -47.9664, -15.1677



157.1670, 46.2597, -137.8355



189.5130, 32.2851, 4.8121



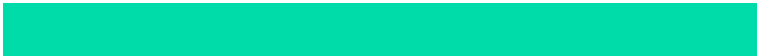
175.7070, -22.0406, 69.5400

Rectangle

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



177.2950, -47.9664, -15.1677



147.9330, 10.8790, -129.7372



189.5130, 32.2851, 4.8121



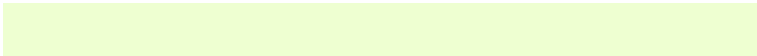
181.3050, 14.6396, 64.6305

Sweetspot

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



177.2950, -47.9664, -15.1677



244.6730, -17.5868, -5.8522



143.2030, -31.1591, 54.1960



121.4050, -11.0457, -3.8632



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.



177.2950, -47.9664, -15.1677



213.7630, -71.3682, -22.5942



159.0560, -38.9746, -52.6691



99.6640, -3.7784, -1.4593



129.1360, -63.6640, -20.2903



29.4820, -14.5346, -4.8077

Inverse Universe

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



107.7050, 47.9664, 15.1677



110.2370, 71.3682, 22.5942



125.9440, 38.9746, 52.6691



94.0370, 3.9258, 0.8446



36.8640, 63.6640, 20.2903



8.5180, 14.5346, 4.8077

Previews

White Background



This preview shows how the YUV color 177.2950, -47.9664, -15.1677 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 177.2950, -47.9664, -15.1677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

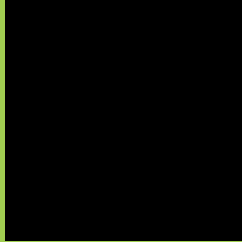
Any Text WCAG AA ✓ Pass

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 177.2950, -47.9664, -15.1677 Background



This preview shows how black text looks on a background with the YUV color 177.2950, -47.9664, -15.1677.



This preview shows how white text looks on a background with the YUV color 177.2950, -47.9664, -15.1677.

-15.1677.

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

177.2950, -47.9664, -15.1677

Protanopia

183.5820, -53.0379, 24.9226

Deuteranopia

186.4300, -49.0190, 42.5959



Tritanopia

188.9260, 8.9105, -11.3361

Trichromacy



Original Color

177.2950, -47.9664, -15.1677

Protanomaly

180.9500, -51.2473, 10.5679

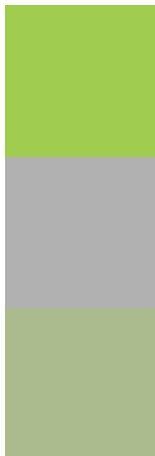
Deuteranomaly

183.2980, -48.9539, 21.6637

Tritanomaly

184.8230, -11.7447, -12.9998

Monochromacy



Original Color

177.2950, -47.9664, -15.1677

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0860, -17.2974, -5.3374

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2950, -47.9664, -15.1677 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(160, 205, 80)` looks like.

```
.text, #text, p{  
    color:rgb(160, 205, 80)  
}
```

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(160, 205, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 205, 80) }
```

Border

The CSS property to change the border of an element to YUV 177.2950, -47.9664, -15.1677 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(160, 205, 80) }
```


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

```
.border{ border-color:rgb(160, 205, 80) }
```

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

Here you see how a box with a 4 pixel rgb(160, 205, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 205, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 205, 80);  
box-shadow:4px 4px 4px 4px rgb(160, 205,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 177.2950, -47.9664, -15.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 205, 80) }
```

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

```
.background{ background-color: rgb(160,  
205, 80) }
```

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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