

Converting Colors

YUV(166.5470, -23.4407,
-41.6987)

Have a look what the booklet for
YUV(166.5470, -23.4407, -41.6987)
contains.

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Color

**YUV(166.5470, -23.4407,
-41.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	77C877
RGB	119, 200, 119
RGB Percent	47%, 78%, 47%
CMY	0.5333, 0.2157, 0.5333
CMYK	0.40, 0.00, 0.40, 0.22
HSL	120°, 42%, 63%
HSV	120°, 40%, 78%
XYZ	31.5918, 46.5624, 24.7751
YIQ	166.5470, -22.2750, -42.3630

Conversions

Conversions Part 2

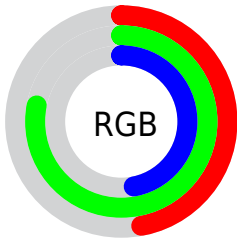
Format	Color
RYB	119, 200, 200
Decimal	7850103
CIELab	73.91, -41.19, 32.92
CIELCh	74, 52.725, 141.370
Yxy	46.5624, 0.3069, 0.4524
Android (android.graphics.Color)	4286040183 (0xFF77C877)
YUV	166.5470, -23.4407, -41.6987
Hunter-Lab	68.2366, -36.7733, 26.2388

Details

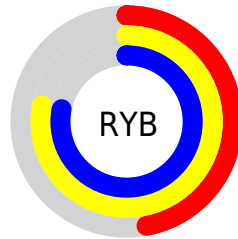
The YUV color **166.5470, -23.4407, -41.6987** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **152.4530, 23.4407, 41.6987**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6180, -24.4617, -40.8840**, and **112.1170, -21.2567, -42.1986** is the 20% darker color. If you saturate the color by 10%, you get **158.2870, -29.2285, -51.9947**, and if you desaturate by 10%, it is **174.8070, -17.6529, -31.4027**.

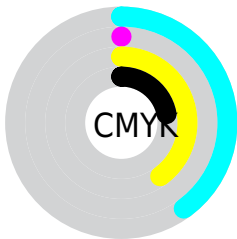
Distribution



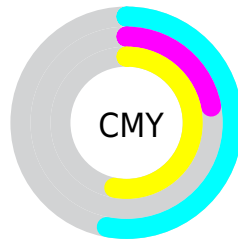
- Red (47%)
- Green (78%)
- Blue (47%)



- Red (47%)
- Yellow (78%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5470, -23.4407, -41.6987 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 166.5470, -23.4407, -41.6987 by changing the saturation by 10% instead.

■ 166.5470,
-23.4407, -41.6987

■ 166.5470,
-23.4407, -41.6987

255.0000, 0.0000,
0.0000

■ 139.1880,
-22.2777, -41.3839

■ 221.6180,
-24.4617, -40.8840

■ 112.1170,
-21.2567, -42.1986

■ 233.1820,
-16.3587, -26.4696

■ 85.4480, -19.9409,
-44.2429

■ 245.0450, -8.4032,
-11.4405

■ 57.5720, -18.0300,
-50.4906

■ 40.5030, -19.9680,
-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 166.5470,
-23.4407, -41.6987

■ 166.5470,
-23.4407, -41.6987

■ 158.2870,
-29.2285, -51.9947

■ 174.8070,
-17.6529, -31.4027

■ 150.0270,
-35.0163, -62.2907

■ 183.0670,
-11.8650, -21.1068

■ 141.7670,
-40.8041, -72.5867

■ 191.3270, -6.0772,
-10.8108

■ 133.5070,
-46.5920, -82.8826

■ 199.5870, -0.2894,
-0.5148

■ 125.2470,
-52.3798, -93.1786

■ 207.8470, 5.4984,
9.7812

■ 117.4000,
-57.8782, -102.9598

■ 216.1070, 11.2862,
20.0772

■ 222.7150, 15.9165,
28.3139

Harmonies

Analogous

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



174.1860, -42.4897, 1.5909



166.5470, -23.4407, -41.6987



139.2590, 13.1833, -122.1301

Triad

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



166.5470, -23.4407, -41.6987



155.5390, 49.0343, -94.3117



177.1720, -13.8888, 68.2552

Complementary

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



166.5470, -23.4407, -41.6987



152.4530, 23.4407, 41.6987

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.



182.1710, 7.8037, 63.8710



166.5470, -23.4407, -41.6987



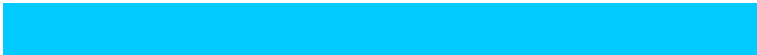
179.9450, 37.0021, -14.8608

Square

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



166.5470, -23.4407, -41.6987



147.6440, 52.9265, -129.4838



187.4460, 27.3881, 35.5659



180.1290, -35.5596, 65.6619

Rectangle

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



166.5470, -23.4407, -41.6987



143.6080, 27.3083, -125.9442



187.4460, 27.3881, 35.5659



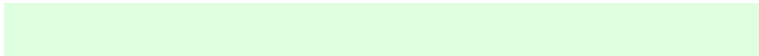
177.8220, -6.3212, 67.6851

Sweetspot

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



166.5470, -23.4407, -41.6987



242.1970, -8.9711, -15.9588



190.7660, -35.3806, 8.0982



120.5660, -5.2090, -9.2664



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.



166.5470, -23.4407, -41.6987



203.3750, -36.1739, -64.3499



171.2210, -5.5320, -45.7978



95.2830, -2.6045, -4.6332



95.6810, -47.1707, -83.9122



21.1320, -10.4181, -18.5328

Inverse Universe

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



152.4530, 23.4407, 41.6987



181.6250, 36.1739, 64.3499



147.8930, 5.9688, 45.6978



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 166.5470, -23.4407, -41.6987 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 166.5470, -23.4407, -41.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

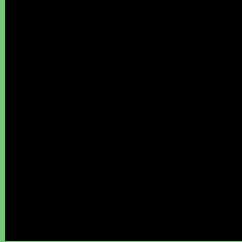
Any Text WCAG AA ✓ Pass

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 166.5470, -23.4407, -41.6987 Background



This preview shows how black text looks on a background with the YUV color 166.5470, -23.4407, -41.6987.



This preview shows how white text looks on a background with the YUV color 166.5470, -23.4407, -41.6987.

-41.6987.

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

166.5470, -23.4407, -41.6987

Protanopia

177.8040, -32.9344, 16.8349

Deuteranopia

180.3850, -27.3048, 31.2344



Tritanopia

175.5640, 14.5119, -34.6976

Trichromacy



Original Color

166.5470, -23.4407, -41.6987

Protanomaly

173.8830, -29.5223, -4.2824

Deuteranomaly

175.5620, -25.9131, 4.7691

Tritanomaly

172.5840, 0.6981, -37.3462

Monochromacy



Original Color

166.5470, -23.4407, -41.6987

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5470, -23.4407, -41.6987 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(119, 200, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 200, 119)  
}
```

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(119, 200, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 200, 119) }
```

Border

The CSS property to change the border of an element to YUV 166.5470, -23.4407, -41.6987 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(119, 200, 119) }
```


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

```
.border{ border-color:rgb(119, 200, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 200, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 200, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 200, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 200,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 166.5470, -23.4407, -41.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 200, 119) }
```

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

```
.background{ background-color: rgb(119,  
200, 119) }
```

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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