

Converting Colors

YUV(170.1400, -66.6240,
-50.9888)

Have a look what the booklet for
YUV(170.1400, -66.6240, -50.9888)
contains.

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Color

**YUV(170.1400, -66.6240,
-50.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	70E223
RGB	112, 226, 35
RGB Percent	44%, 89%, 14%
CMY	0.5608, 0.1137, 0.8627
CMYK	0.50, 0.00, 0.85, 0.11
HSL	96°, 77%, 51%
HSV	96°, 85%, 89%
XYZ	34.1818, 57.9588, 10.9757
YIQ	170.1400, -6.6330, -83.5690

Conversions

Conversions Part 2

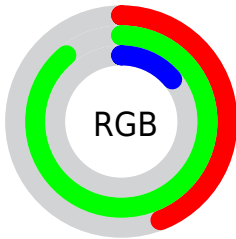
Format	Color
RYB	35, 226, 149
Decimal	7397923
CIELab	80.72, -61.31, 73.67
CIElCh	81, 95.847, 129.768
Yxy	57.9588, 0.3315, 0.5621
Android (android.graphics.Color)	4285588003 (0xFF70E223)
YUV	170.1400, -66.6240, -50.9888
Hunter-Lab	76.1307, -53.0842, 44.7437

Details

The YUV color **170.1400, -66.6240, -50.9888** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **90.8600, 66.6240, 50.9888**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8120, -55.6163, -34.9151**, and **112.3480, -55.3876, -61.6952** is the 20% darker color. If you saturate the color by 10%, you get **163.6310, -74.7541, -56.6814**, and if you desaturate by 10%, it is **176.6490, -58.4940, -45.2962**.

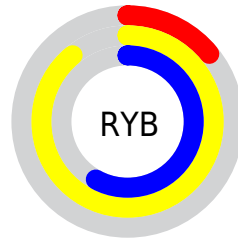
Distribution



Red (44%)

Green (89%)

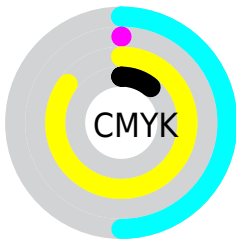
Blue (14%)



Red (14%)

Yellow (89%)

Blue (58%)

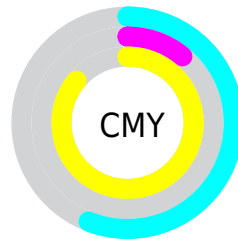


Cyan (50%)

Magenta (0%)

Yellow (85%)

Black (11%)



Cyan (56%)

Magenta (11%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1400, -66.6240, -50.9888 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 170.1400, -66.6240, -50.9888 by changing the saturation by 10% instead.

■ 170.1400,
-66.6240, -50.9888

■ 170.1400,
-66.6240, -50.9888

■ 255.0000, 0.0000,
0.0000

■ 139.5590,
-68.8026, -52.2332

■ 212.8120,
-55.6163, -34.9151

■ 112.3480,
-55.3876, -61.6952

■ 225.0880,
-47.3714, -19.3712

■ 83.3540, -41.0935,
-73.1015

■ 237.6630,
-39.2739, -3.2125

■ 68.0920, -33.5694,
-59.7167

■ 247.2480,
-29.7023, 6.7985

■ 52.8300, -26.0452,
-46.3319

■ 250.5540,
-17.0351, 3.8991

■ 38.1550, -18.8104,
-33.4619

■ 253.9740, -3.9312,

■ 24.6540, -12.1544,

0.8998

-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 170.1400,
-66.6240, -50.9888

■ 170.1400,
-66.6240, -50.9888

■ 163.6310,
-74.7541, -56.6814

■ 176.6490,
-58.4940, -45.2962

■ 159.8710,
-78.8164, -60.3999

■ 183.3430,
-50.9481, -38.8888

■ 189.8520,
-42.8180, -33.1962

■ 196.5460,
-35.2722, -26.7888

■ 203.0550,
-27.1421, -21.0962

■ 209.8630,
-19.1595, -14.7889

■ 216.2580,
-11.4662, -8.9963

■ 223.0660, -3.4835,
-2.6889

■ 229.4610, 4.2097,
3.1037

Harmonies

Analogous

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



184.6090, -91.0122, 24.8989



170.1400, -66.6240, -50.9888



154.3950, -10.0547, -135.4044

Triad

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



170.1400, -66.6240, -50.9888



162.3190, 45.6917, -142.3538



153.7210, 10.4905, 88.8217

Complementary

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



170.1400, -66.6240, -50.9888



90.8600, 66.6240, 50.9888

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.



173.4070, 40.2253, 71.5571



170.1400, -66.6240, -50.9888



147.6440, 52.9265, -129.4838

Square

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



170.1400, -66.6240, -50.9888



168.7760, 42.5084, -148.0166



195.6250, 29.2719, 38.0399



162.7010, -36.3346, 80.9462

Rectangle

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



170.1400, -66.6240, -50.9888



163.3380, 16.5954, -143.2474



195.6250, 29.2719, 38.0399



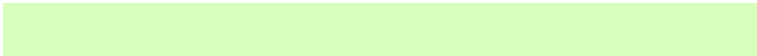
156.5540, 23.8839, 86.3371

Sweetspot

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



170.1400, -66.6240, -50.9888



236.3420, -22.3536, -16.9629



157.2660, -60.2771, 60.2797



116.6770, -13.6448, -10.2407



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.



170.1400, -66.6240, -50.9888



180.4820, -88.9776, -67.9517



148.9410, -48.2849, -99.9263



108.9520, -3.9203, -2.5889



124.5410, -61.3987, -46.9555



34.1560, -16.8389, -12.4148

Inverse Universe

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



90.8600, 66.6240, 50.9888



74.5180, 88.9776, 67.9517



112.0590, 48.2849, 99.9263



104.3470, 3.7729, 3.2037



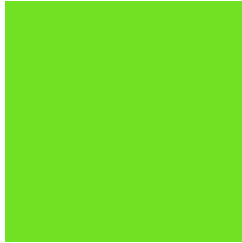
51.4590, 61.3987, 46.9555



14.1430, 16.6915, 13.0296

Previews

White Background



This preview shows how the YUV color 170.1400, -66.6240, -50.9888 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 170.1400, -66.6240, -50.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

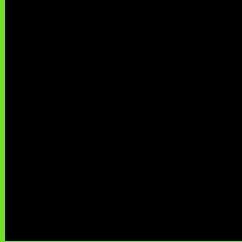
Any Text WCAG AA ✓ Pass

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 170.1400, -66.6240, -50.9888 Background



This preview shows how black text looks on a background with the YUV color 170.1400, -66.6240, -50.9888.



This preview shows how white text looks on a background with the YUV color 170.1400, -66.6240, -50.9888.

-50.9888.

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

170.1400, -66.6240, -50.9888

Protanopia

186.8670, -78.8144, 32.5656

Deuteranopia

192.1910, -66.6492, 50.6985



Tritanopia

191.6060, 17.4492, -43.5045

Trichromacy



Original Color

170.1400, -66.6240, -50.9888

Protanomaly

180.8200, -74.3543, 1.9119

Deuteranomaly

183.9600, -66.5353, 14.0671

Tritanomaly

183.8590, -13.2415, -46.3573

Monochromacy



Original Color

170.1400, -66.6240, -50.9888

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8750, -24.0954, -18.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1400, -66.6240, -50.9888 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(112, 226, 35)` looks like.

```
.text, #text, p{  
    color:rgb(112, 226, 35)  
}
```

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(112, 226, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 226, 35) }
```

Border

The CSS property to change the border of an element to YUV 170.1400, -66.6240, -50.9888 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(112, 226, 35) }
```


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

```
.border{ border-color:rgb(112, 226, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 226, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 226, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 226, 35);  
box-shadow:4px 4px 4px 4px rgb(112, 226,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 170.1400, -66.6240, -50.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 226, 35) }
```

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

```
.background{ background-color: rgb(112,  
226, 35) }
```

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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