

Converting Colors

YUV(171.8520, -29.5070,
-55.9982)

Have a look what the booklet for
YUV(171.8520, -29.5070, -55.9982)
contains.

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Color

**YUV(171.8520, -29.5070,
-55.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	6CD870
RGB	108, 216, 112
RGB Percent	42%, 85%, 44%
CMY	0.5765, 0.1529, 0.5608
CMYK	0.50, 0.00, 0.48, 0.15
HSL	122°, 58%, 64%
HSV	122°, 50%, 85%
XYZ	33.6648, 53.4697, 23.8756
YIQ	171.8520, -30.9840, -55.2400

Conversions

Conversions Part 2

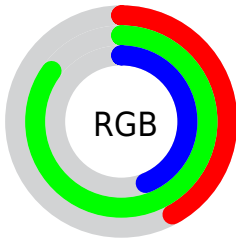
Format	Color
RYB	108, 212, 216
Decimal	7133296
CIELab	78.15, -52.06, 41.73
CIELCh	78, 66.718, 141.287
Yxy	53.4697, 0.3033, 0.4817
Android (android.graphics.Color)	4285323376 (0xFF6CD870)
YUV	171.8520, -29.5070, -55.9982
Hunter-Lab	73.1230, -45.7863, 31.8271

Details

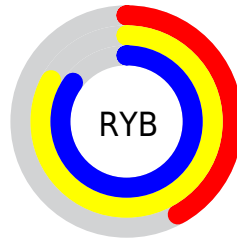
The YUV color **171.8520, -29.5070, -55.9982** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **152.1480, 29.5070, 55.9982**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.1290, -26.1926, -45.7171**, and **114.6280, -26.4386, -60.1868** is the 20% darker color. If you saturate the color by 10%, you get **162.8800, -35.4368, -67.4238**, and if you desaturate by 10%, it is **180.8240, -23.5772, -44.5726**.

Distribution



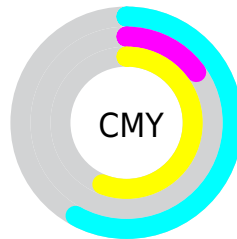
- Red (42%)
- Green (85%)
- Blue (44%)



- Red (42%)
- Yellow (83%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (15%)



- Cyan (58%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8520, -29.5070, -55.9982 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 171.8520, -29.5070, -55.9982 by changing the saturation by 10% instead.

■ 171.8520,
-29.5070, -55.9982

■ 171.8520,
-29.5070, -55.9982

■ 255.0000, 0.0000,
0.0000

■ 143.4820,
-28.3386, -57.4277

■ 218.1290,
-26.1926, -45.7171

■ 114.6280,
-26.4386, -60.1868

■ 229.9920,
-18.2371, -30.6880

■ 82.1750, -22.7643,
-72.0675

■ 242.1540,
-10.4289, -15.0441

■ 63.3790, -28.7808,
-55.5834

■ 254.4300, -2.1840,
0.4999

■ 48.1340, -23.7301,
-42.2135

■ 34.0460, -16.7847,
-29.8583

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 171.8520,
-29.5070, -55.9982

■ 171.8520,
-29.5070, -55.9982

■ 162.8800,
-35.4368, -67.4238

■ 180.8240,
-23.5772, -44.5726

■ 154.2070,
-41.5141, -78.2345

■ 189.4970,
-17.5000, -33.7619

■ 145.3490,
-47.0071, -89.7601

■ 198.3550,
-12.0070, -22.2363

■ 136.6760,
-53.0843, -100.5709

■ 207.0280, -5.9298,
-11.4256

■ 127.7040,
-59.0141, -111.9964

■ 216.0000, 0.0000,
0.0000

■ 224.9720, 5.9298,
11.4256

■ 232.1070, 11.2862,
20.0772

Harmonies

Analogous

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



182.0430, -55.7302, 1.7163



171.8520, -29.5070, -55.9982



149.9220, 10.8845, -131.4816

Triad

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



171.8520, -29.5070, -55.9982



149.4050, 52.0583, -131.0282



175.7530, -11.7102, 69.4996

Complementary

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



171.8520, -29.5070, -55.9982



152.1480, 29.5070, 55.9982

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.



182.2340, 15.6606, 63.8158



171.8520, -29.5070, -55.9982



186.1140, 33.9608, -19.3940

Square

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



171.8520, -29.5070, -55.9982



157.0360, 48.2963, -137.7206



196.8650, 28.6606, 47.4764



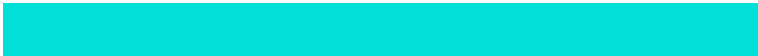
181.3370, -41.0851, 64.6025

Rectangle

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



171.8520, -29.5070, -55.9982



156.1120, 29.5248, -136.9102



196.8650, 28.6606, 47.4764



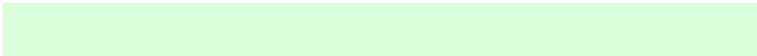
176.2720, -2.1061, 69.0445

Sweetspot

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



171.8520, -29.5070, -55.9982



239.4200, -10.5601, -19.6623



202.4920, -46.5846, 8.3385



118.5010, -6.6560, -11.8404



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.



171.8520, -29.5070, -55.9982



192.4950, -41.6560, -79.3641



178.0080, -5.9199, -61.3970



102.5710, -2.7465, -5.7628



101.0610, -46.8651, -88.6305



25.4690, -11.5702, -22.3363

Inverse Universe

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



152.1480, 29.5070, 55.9982



164.5050, 41.6560, 79.3641



145.9920, 5.9199, 61.3970



100.5430, 3.1833, 5.6628



69.9390, 46.8651, 88.6305



17.6450, 12.0070, 22.2363

Previews

White Background



This preview shows how the YUV color 171.8520, -29.5070, -55.9982 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 171.8520, -29.5070, -55.9982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

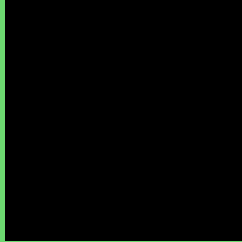
Any Text WCAG AA ✓ Pass

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 171.8520, -29.5070, -55.9982 Background



This preview shows how black text looks on a background with the YUV color 171.8520, -29.5070, -55.9982.



This preview shows how white text looks on a background with the YUV color 171.8520, -29.5070, -55.9982.

-55.9982.

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

171.8520, -29.5070, -55.9982

Protanopia

187.6490, -41.2390, 20.4788

Deuteranopia

190.4690, -34.7412, 36.4227



Tritanopia

184.2960, 17.6021, -45.8636

Trichromacy



Original Color

171.8520, -29.5070, -55.9982



Protanomaly

182.2110, -37.0790, -7.2010



Deuteranomaly

183.7160, -32.8910, 2.8801



Tritanomaly

179.5070, 0.7360, -49.5566

Monochromacy



Original Color

171.8520, -29.5070, -55.9982



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.0070, -10.8495, -20.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8520, -29.5070, -55.9982 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(108, 216, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 216, 112)  
}
```

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(108, 216, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 216, 112) }
```

Border

The CSS property to change the border of an element to YUV 171.8520, -29.5070, -55.9982 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(108, 216, 112) }
```


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

```
.border{ border-color:rgb(108, 216, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 216, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 216, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 216, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 216,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 171.8520, -29.5070, -55.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 216, 112) }
```

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

```
.background{ background-color: rgb(108,  
216, 112) }
```

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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