

Converting Colors

YUV(170.3990, -22.3817,
-54.7239)

Have a look what the booklet for
YUV(170.3990, -22.3817, -54.7239)
contains.

YUV(170.3990, -22.3817, -54.7239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.3990, -22.3817,
-54.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	6CD37D
RGB	108, 211, 125
RGB Percent	42%, 83%, 49%
CMY	0.5765, 0.1725, 0.5098
CMYK	0.49, 0.00, 0.41, 0.17
HSL	130°, 54%, 63%
HSV	130°, 49%, 83%
XYZ	33.1803, 51.2573, 27.5469
YIQ	170.3990, -33.7820, -48.5820

Conversions

Conversions Part 2

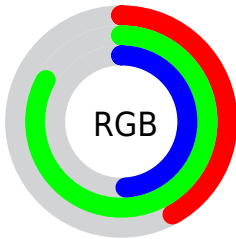
Format	Color
RYB	108, 196, 211
Decimal	7132029
CIELab	76.83, -48.09, 33.57
CIELCh	77, 58.645, 145.085
Yxy	51.2573, 0.2963, 0.4577
Android (android.graphics.Color)	4285322109 (0xFF6CD37D)
YUV	170.3990, -22.3817, -54.7239
Hunter-Lab	71.5942, -42.5643, 27.3033

Details

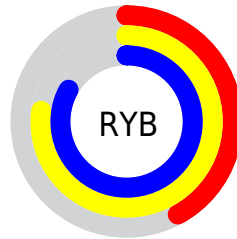
The YUV color **170.3990, -22.3817, -54.7239** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **148.6010, 22.3817, 54.7239**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4260, -19.9300, -47.7316**, and **114.4740, -19.4607, -58.2977** is the 20% darker color. If you saturate the color by 10%, you get **162.0680, -27.1485, -65.8346**, and if you desaturate by 10%, it is **178.7300, -17.6149, -43.6132**.

Distribution



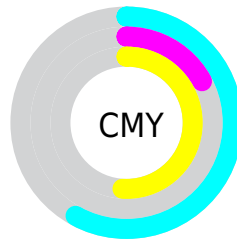
- Red (42%)
- Green (83%)
- Blue (49%)



- Red (42%)
- Yellow (77%)
- Blue (83%)



- Cyan (49%)
- Magenta (0%)
- Yellow (41%)
- Black (17%)



- Cyan (58%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3990, -22.3817, -54.7239 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 170.3990, -22.3817, -54.7239 by changing the saturation by 10% instead.

■ 170.3990,
-22.3817, -54.7239

■ 170.3990,
-22.3817, -54.7239

255.0000, 0.0000,
0.0000

■ 142.3280,
-21.3607, -55.5387

■ 219.4260,
-19.9300, -47.7316

■ 114.4740,
-19.4607, -58.2977

■ 231.1750,
-12.4113, -32.6025

■ 81.4230, -15.4915,
-71.4080

■ 243.1520, -4.0189,
-17.6733

■ 63.4250, -18.4505,
-55.6237

254.4020, 0.2948,
-1.2296

■ 45.9000, -22.1357,
-40.2543

■ 31.6980, -15.6271,
-27.7991

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 170.3990,
-22.3817, -54.7239

■ 170.3990,
-22.3817, -54.7239

■ 162.0680,
-27.1485, -65.8346

■ 178.7300,
-17.6149, -43.6132

■ 153.8510,
-31.4785, -77.0453

■ 186.9470,
-13.2849, -32.4025

■ 145.5200,
-36.2454, -88.1560


■ 195.2780, -8.5181,
-21.2918


■ 137.3030,
-40.5754, -99.3667

■ 203.4950, -4.1880,
-10.0811


■ 128.6730,
-45.1948, -111.0922

■ 211.8260, 0.5788,
1.0296

 127.8470,
-45.7736, -112.1218

 220.4560, 5.1982,
12.7551

 228.3740, 9.6756,
23.3510

 229.1720, 12.7332,
22.6512

Harmonies

Analogous

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



179.8280, -46.2572, -3.3572



170.3990, -22.3817, -54.7239



147.1980, 15.6784, -129.0926

Triad

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



170.3990, -22.3817, -54.7239



158.1530, 47.7456, -100.9892



178.7050, -15.6306, 66.9107

Complementary

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



170.3990, -22.3817, -54.7239



148.6010, 22.3817, 54.7239

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.



183.1000, 8.8247, 63.0563



170.3990, -22.3817, -54.7239



187.3650, 33.3441, -8.2131

Square

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



170.3990, -22.3817, -54.7239



152.9270, 50.3220, -134.1170



195.1530, 28.5186, 46.3468



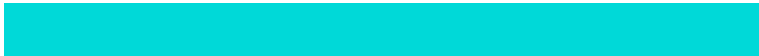
183.5540, -40.2061, 62.6581

Rectangle

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



170.3990, -22.3817, -54.7239



152.0030, 31.5505, -133.3066



195.1530, 28.5186, 46.3468



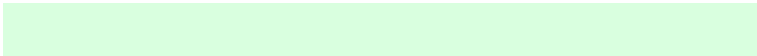
178.8820, -7.3368, 66.7555

Sweetspot

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



170.3990, -22.3817, -54.7239



239.9900, -8.3761, -20.1622



194.7730, -42.7791, 1.0761



118.8430, -5.3456, -12.1403



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.



170.3990, -22.3817, -54.7239



195.7860, -32.9255, -79.6193



176.0990, -0.5418, -59.7228



100.6850, -2.3097, -5.8627



101.8080, -36.3873, -89.2856



24.8650, -8.8074, -21.8066

Inverse Universe

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



148.6010, 22.3817, 54.7239



164.1000, 32.4887, 79.7193



142.9010, 0.5418, 59.7228



98.3150, 2.3097, 5.8627



66.3060, 36.8241, 89.1856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 170.3990, -22.3817, -54.7239 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 170.3990, -22.3817, -54.7239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

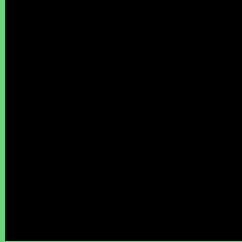
Any Text WCAG AA ✓ Pass

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 170.3990, -22.3817, -54.7239 Background



This preview shows how black text looks on a background with the YUV color 170.3990, -22.3817, -54.7239.



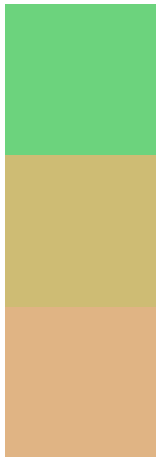
This preview shows how white text looks on a background with the YUV color 170.3990, -22.3817, -54.7239.

-54.7239.

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

170.3990, -22.3817, -54.7239

Protanopia

185.1740, -34.1028, 18.2644

Deuteranopia

187.6840, -27.4522, 31.8491



Tritanopia

180.5950, 17.4547, -45.2488

Trichromacy



Original Color

170.3990, -22.3817, -54.7239

Protanomaly

179.4480, -29.8009, -8.2859

Deuteranomaly

181.2410, -25.7548, 0.6656

Tritanomaly

176.7890, 3.0620, -48.9270

Monochromacy



Original Color

170.3990, -22.3817, -54.7239

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1040, -7.9393, -20.2622

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3990, -22.3817, -54.7239 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, 211, 125)` looks like.

```
.text, #text, p{  
    color:rgb(108, 211, 125)  
}
```

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, 211, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 211, 125) }
```

Border

The CSS property to change the border of an element to YUV 170.3990, -22.3817, -54.7239 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, 211, 125) }
```


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

```
.border{ border-color:rgb(108, 211, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 211, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 211, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 211, 125);  
box-shadow:4px 4px 4px 4px rgb(108, 211,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 170.3990, -22.3817, -54.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 211, 125) }
```

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

```
.background{ background-color: rgb(108,  
211, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor