

Converting Colors

YUV(170.0170, -46.3504,
-20.1859)

Have a look what the booklet for
YUV(170.0170, -46.3504, -20.1859)
contains.

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Color

**YUV(170.0170, -46.3504,
-20.1859)**

Conversions

Conversions Part 1

Format	Color
Hex	93C84C
RGB	147, 200, 76
RGB Percent	58%, 78%, 30%
CMY	0.4235, 0.2157, 0.7020
CMYK	0.27, 0.00, 0.62, 0.22
HSL	86°, 53%, 54%
HSV	86°, 62%, 78%
XYZ	33.9914, 48.0334, 14.3173
YIQ	170.0170, 8.2160, -49.8000

Conversions

Conversions Part 2

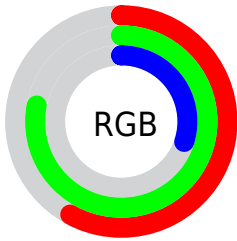
Format	Color
RYB	76, 200, 129
Decimal	9685068
CIELab	74.85, -36.67, 54.93
CIELCh	75, 66.045, 123.728
Yxy	48.0334, 0.3528, 0.4986
Android (android.graphics.Color)	4287875148 (0xFF93C84C)
YUV	170.0170, -46.3504, -20.1859
Hunter-Lab	69.3061, -33.7399, 36.2661

Details

The YUV color **170.0170, -46.3504, -20.1859** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **105.9830, 46.3504, 20.1859**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5010, -47.0820, -18.8564**, and **115.1480, -48.3870, -20.3008** is the 20% darker color. If you saturate the color by 10%, you get **165.0460, -53.7597, -23.7193**, and if you desaturate by 10%, it is **174.9880, -38.9411, -16.6525**.

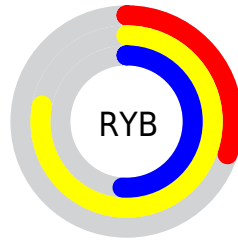
Distribution



Red (58%)

Green (78%)

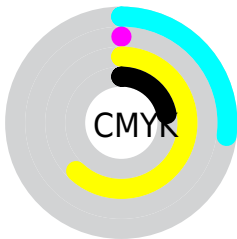
Blue (30%)



Red (30%)

Yellow (78%)

Blue (51%)

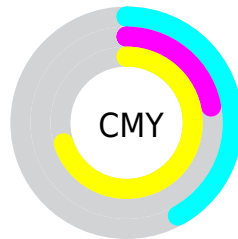


Cyan (27%)

Magenta (0%)

Yellow (62%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0170, -46.3504, -20.1859 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 170.0170, -46.3504, -20.1859 by changing the saturation by 10% instead.

■ 170.0170,
-46.3504, -20.1859

■ 170.0170,
-46.3504, -20.1859

255.0000, 0.0000,
0.0000

■ 142.1310,
-45.9136, -20.2859

■ 225.5010,
-47.0820, -18.8564

■ 115.1480,
-48.3870, -20.3008

■ 237.2500,
-39.5632, -3.7273

■ 89.8750, -44.3084,
-21.8154

■ 247.0200,
-30.5759, 6.9985

■ 66.8280, -32.9462,
-26.1592

■ 250.2120,
-18.3455, 4.1991

■ 41.0900, -20.2574,
-36.0359

■ 253.5180, -5.6784,
1.2997

■ 27.5890, -13.6014,
-24.1956

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 170.0170,
-46.3504, -20.1859

■ 170.0170,
-46.3504, -20.1859

■ 165.0460,
-53.7597, -23.7193

■ 174.9880,
-38.9411, -16.6525

■ 160.3740,
-61.3164, -26.6380

■ 179.6600,
-31.3844, -13.7338

■ 155.4030,
-68.7257, -30.1714

■ 184.6310,
-23.9751, -10.2004

■ 151.7850,
-74.8300, -32.2604

■ 189.3030,
-16.4184, -7.2817

■ 194.2740, -9.0091,
-3.7483

■ 198.9460, -1.4524,
-0.8296

■ 203.9170, 5.9569,
2.7038

■ 208.5890, 13.5136,
5.6224

■ 213.4460, 20.4861,
9.2559

Harmonies

Analogous

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



176.7260, -61.4899, 29.1813



170.0170, -46.3504, -20.1859



151.3170, -11.4953, -93.2400

Triad

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



170.0170, -46.3504, -20.1859



149.4050, 52.0583, -131.0282



171.7870, 3.5560, 72.9778

Complementary

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



170.0170, -46.3504, -20.1859



105.9830, 46.3504, 20.1859

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.



185.6710, 26.2912, 60.8015



170.0170, -46.3504, -20.1859



157.3550, 48.1390, -87.1343

Square

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



170.0170, -46.3504, -20.1859



152.9440, 47.8486, -134.1319



184.5290, 34.7422, 10.0601



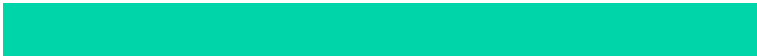
170.9310, -25.1090, 73.7285

Rectangle

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



170.0170, -46.3504, -20.1859



144.2970, 12.1786, -126.5485



184.5290, 34.7422, 10.0601



175.3550, 12.1500, 69.8487

Sweetspot

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



170.0170, -46.3504, -20.1859



243.2490, -17.8708, -8.1114



143.6000, -33.3268, 49.4628



120.6930, -11.1876, -4.9928



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.



170.0170, -46.3504, -20.1859



209.2350, -70.6149, -30.9011



151.7780, -37.3586, -57.6873



96.7780, -3.3416, -1.5593



123.4880, -60.8796, -26.7380



27.1120, -13.3662, -6.2372

Inverse Universe

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



105.9830, 46.3504, 20.1859



111.7650, 70.6149, 30.9011



124.2220, 37.3586, 57.6873



92.2220, 3.3416, 1.5593



39.5120, 60.8796, 26.7380



8.5890, 13.5136, 5.6224

Previews

White Background



This preview shows how the YUV color 170.0170, -46.3504, -20.1859 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 170.0170, -46.3504, -20.1859 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 170.0170, -46.3504, -20.1859 Background



This preview shows how black text looks on a background with the YUV color 170.0170, -46.3504, -20.1859.



This preview shows how white text looks on a background with the YUV color 170.0170, -46.3504, -20.1859.

-20.1859.

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

170.0170, -46.3504, -20.1859

Protanopia

177.3970, -52.4537, 24.2078

Deuteranopia

180.1740, -47.4138, 41.0664



Tritanopia

181.8330, 9.9423, -15.6395

Trichromacy



Original Color

170.0170, -46.3504, -20.1859

Protanomaly

174.8680, -50.2209, 8.0088

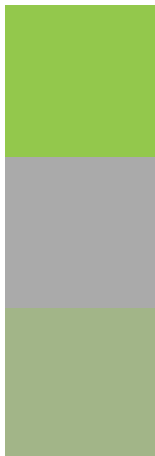
Deuteranomaly

176.4440, -47.0539, 18.9046

Tritanomaly

177.7300, -10.7129, -17.3032

Monochromacy



Original Color

170.0170, -46.3504, -20.1859

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1890, -16.8552, -7.1818

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0170, -46.3504, -20.1859 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(147, 200, 76)` looks like.

```
.text, #text, p{  
    color:rgb(147, 200, 76)  
}
```

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(147, 200, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 200, 76) }
```

Border

The CSS property to change the border of an element to YUV 170.0170, -46.3504, -20.1859 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(147, 200, 76) }
```


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

```
.border{ border-color:rgb(147, 200, 76) }
```

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

Here you see how a box with a 4 pixel rgb(147, 200, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 200, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 200, 76);  
box-shadow:4px 4px 4px 4px rgb(147, 200,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 170.0170, -46.3504, -20.1859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 200, 76) }
```

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

```
.background{ background-color: rgb(147,  
200, 76) }
```

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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