

Converting Colors

YUV(176.5190, -30.8219,
-7.4712)

Have a look what the booklet for
YUV(176.5190, -30.8219, -7.4712)
contains.

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Color

**YUV(176.5190, -30.8219,
-7.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C172
RGB	168, 193, 114
RGB Percent	66%, 76%, 45%
CMY	0.3412, 0.2431, 0.5529
CMYK	0.13, 0.00, 0.41, 0.24
HSL	79°, 39%, 60%
HSV	79°, 41%, 76%
XYZ	38.2557, 47.6797, 23.1064
YIQ	176.5190, 10.4590, -29.8690

Conversions

Conversions Part 2

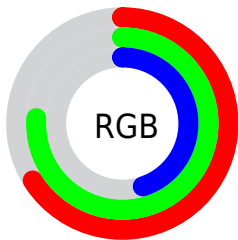
Format	Color
RYB	114, 193, 139
Decimal	11059570
CIELab	74.62, -21.45, 36.95
CIELCh	75, 42.724, 120.132
Yxy	47.6797, 0.3508, 0.4373
Android (android.graphics.Color)	4289249650 (0xFFA8C172)
YUV	176.5190, -30.8219, -7.4712
Hunter-Lab	69.0505, -21.9449, 28.4951

Details

The YUV color **176.5190, -30.8219, -7.4712** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **130.4810, 30.8219, 7.4712**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7640, -32.4217, -7.6860**, and **123.2740, -29.2221, -7.2563** is the 20% darker color. If you saturate the color by 10%, you get **172.5590, -38.2366, -9.2602**, and if you desaturate by 10%, it is **180.4790, -23.4071, -5.6821**.

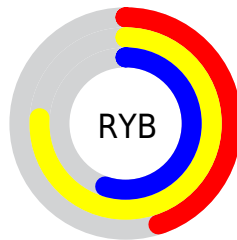
Distribution



Red (66%)

Green (76%)

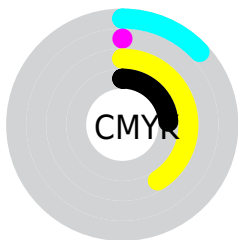
Blue (45%)



Red (45%)

Yellow (76%)

Blue (55%)

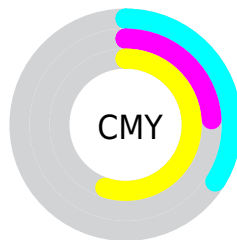


Cyan (13%)

Magenta (0%)

Yellow (41%)

Black (24%)



Cyan (34%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5190, -30.8219, -7.4712 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 176.5190, -30.8219, -7.4712 by changing the saturation by 10% instead.

■ 176.5190,
-30.8219, -7.4712

■ 176.5190,
-30.8219, -7.4712

255.0000, 0.0000,
0.0000

■ 149.7470,
-29.9483, -7.6711

■ 232.7640,
-32.4217, -7.6860

■ 123.2740,
-29.2221, -7.2563

■ 247.5620,
-25.9131, 4.7691

■ 98.0890, -28.6379,
-7.9711

■ 251.3520,
-13.9775, 3.1993

■ 73.0890, -28.6379,
-7.9711

254.6580, -1.3104,
0.2999

■ 50.7020, -24.9961,
-9.3857

■ 30.0250, -14.8023,
-12.2999

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 176.5190,
-30.8219, -7.4712

■ 176.5190,
-30.8219, -7.4712

■ 172.5590,
-38.2366, -9.2602

■ 180.4790,
-23.4071, -5.6821

■ 168.4850,
-46.0881, -10.9493

■ 184.5530,
-15.5556, -3.9930

■ 164.5250,
-53.5028, -12.7384

■ 188.5130, -8.1409,
-2.2039

■ 160.5650,
-60.9175, -14.5275

■ 192.4730, -0.7262,
-0.4148

■ 156.3060,
-68.1849, -16.9314

■ 196.8460, 6.9779,
1.8891

■ 152.7590,
-75.3102, -18.2056

■ 200.8060, 14.3926,
3.6781

■ 204.7660, 21.8074,
5.4672

■ 207.2440, 23.5437,
8.5560

■ 209.0380, 22.6593,
12.2447

Harmonies

Analogous

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



180.5940, -37.7608, 24.9121



176.5190, -30.8219, -7.4712



170.1690, -13.3943, -43.9982

Triad

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



176.5190, -30.8219, -7.4712



155.9030, 46.8828, -104.2779



187.1460, -1.0580, 59.5080

Complementary

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



176.5190, -30.8219, -7.4712



130.4810, 30.8219, 7.4712

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.



189.0090, 16.7576, 38.5801



176.5190, -30.8219, -7.4712



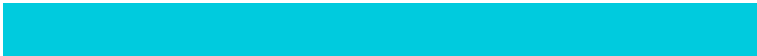
175.9150, 38.9889, -45.5295

Square

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



176.5190, -30.8219, -7.4712



144.4690, 38.2228, -126.6993



186.4910, 32.2959, 1.3234



184.4610, -18.9613, 61.8627

Rectangle

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



176.5190, -30.8219, -7.4712



163.8310, 2.5483, -70.8888



186.4910, 32.2959, 1.3234



188.0190, 4.9206, 55.2343

Sweetspot

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



176.5190, -30.8219, -7.4712



243.5900, -11.6299, -3.1484



151.7090, -18.5905, 36.2122



121.1540, -6.9779, -1.8891



252.0000, 0.0000, 0.0000



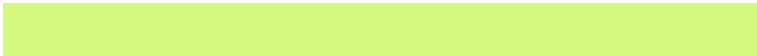
125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.5190, -30.8219, -7.4712



224.3170, -47.9773, -11.6790



165.1570, -25.2204, -30.8327



94.9630, -3.9258, -0.8446



127.3970, -62.8067, -15.2572



26.2480, -12.9403, -2.8485

Inverse Universe

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



130.4810, 30.8219, 7.4712



152.6830, 47.9773, 11.6790



141.8430, 25.2204, 30.8327



89.0370, 3.9258, 0.8446



33.6030, 62.8067, 15.2572



6.7520, 12.9403, 2.8485

Previews

White Background



This preview shows how the YUV color 176.5190, -30.8219, -7.4712 looks on a white background.

Color Contrast Check

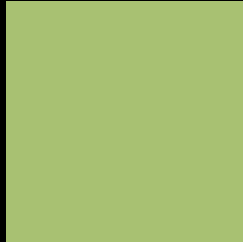
Large Text (above 18pt) WCAG AA × Fail

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 176.5190, -30.8219, -7.4712 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 176.5190, -30.8219, -7.4712 Background



This preview shows how black text looks on a background with the YUV color 176.5190, -30.8219, -7.4712.



This preview shows how white text looks on a background with the YUV color 176.5190, -30.8219, -7.4712.

-7.4712.

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

176.5190, -30.8219, -7.4712

Protanopia

179.7610, -34.3922, 17.7496

Deuteranopia

182.2560, -31.6782, 33.9785



Tritanopia

183.5140, 7.1416, -3.9588

Trichromacy



Original Color

176.5190, -30.8219, -7.4712

Protanomaly

178.6350, -33.3441, 8.2131

Deuteranomaly

180.5700, -31.3400, 18.7941

Tritanomaly

181.1320, -6.9671, -5.3778

Monochromacy



Original Color

176.5190, -30.8219, -7.4712

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0030, -11.3405, -2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5190, -30.8219, -7.4712 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(168, 193, 114)` looks like.

```
.text, #text, p{  
    color:rgb(168, 193, 114)  
}
```

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(168, 193, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 193, 114) }
```

Border

The CSS property to change the border of an element to YUV 176.5190, -30.8219, -7.4712 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(168, 193, 114) }
```


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

```
.border{ border-color:rgb(168, 193, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 193, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 193, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 193, 114);  
box-shadow:4px 4px 4px 4px rgb(168, 193,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 176.5190, -30.8219, -7.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 193, 114) }
```

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

```
.background{ background-color: rgb(168,  
193, 114) }
```

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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