

Converting Colors

YUV(175.5080, -34.2674,
-22.3705)

Have a look what the booklet for
YUV(175.5080, -34.2674, -22.3705)
contains.

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Color

**YUV(175.5080, -34.2674,
-22.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	96CA6A
RGB	150, 202, 106
RGB Percent	59%, 79%, 42%
CMY	0.4118, 0.2078, 0.5843
CMYK	0.26, 0.00, 0.48, 0.21
HSL	92°, 48%, 60%
HSV	92°, 48%, 79%
XYZ	36.2997, 49.7657, 21.3282
YIQ	175.5080, -0.1760, -40.8800

Conversions

Conversions Part 2

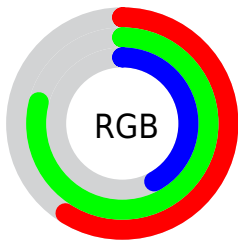
Format	Color
RYB	106, 202, 158
Decimal	9882218
CIELab	75.93, -33.46, 42.34
CIELCh	76, 53.968, 128.323
Yxy	49.7657, 0.3380, 0.4634
Android (android.graphics.Color)	4288072298 (0xFF96CA6A)
YUV	175.5080, -34.2674, -22.3705
Hunter-Lab	70.5448, -31.6040, 31.4559

Details

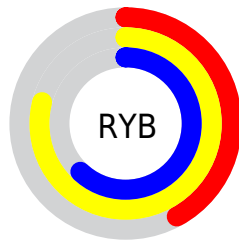
The YUV color **175.5080, -34.2674, -22.3705** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **132.4920, 34.2674, 22.3705**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4050, -34.7097, -20.5262**, and **121.8500, -32.9570, -22.6704** is the 20% darker color. If you saturate the color by 10%, you get **169.9390, -41.3819, -27.1335**, and if you desaturate by 10%, it is **181.0770, -27.1530, -17.6075**.

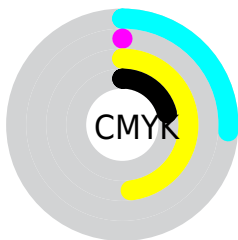
Distribution



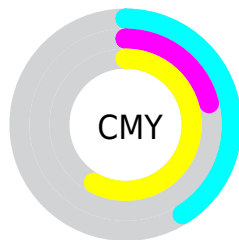
- Red (59%)
- Green (79%)
- Blue (42%)



- Red (42%)
- Yellow (79%)
- Blue (62%)



- Cyan (26%)
- Magenta (0%)
- Yellow (48%)
- Black (21%)



- Cyan (41%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5080, -34.2674, -22.3705 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 175.5080, -34.2674, -22.3705 by changing the saturation by 10% instead.

■ 175.5080,
-34.2674, -22.3705

■ 175.5080,
-34.2674, -22.3705

255.0000, 0.0000,
0.0000

■ 148.0350,
-33.5413, -21.9557

■ 229.4050,
-34.7097, -20.5262

■ 121.8500,
-32.9570, -22.6704

■ 241.2680,
-26.7541, -5.4970

■ 95.9640, -32.5203,
-22.7704

■ 250.4400,
-17.4719, 3.9991

■ 69.5080, -34.2674,
-22.3705

■ 253.6320, -5.2416,
1.1997

■ 47.0480, -23.1947,
-27.2291

■ 28.7630, -14.1802,
-25.2252

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 175.5080,
-34.2674, -22.3705

■ 175.5080,
-34.2674, -22.3705

■ 169.9390,
-41.3819, -27.1335

■ 181.0770,
-27.1530, -17.6075

■ 164.3700,
-48.4964, -31.8965

■ 186.6460,
-20.0385, -12.8445

■ 158.6870,
-56.0477, -36.5595

■ 192.3290,
-12.4872, -8.1815

■ 153.1180,
-63.1622, -41.3225

■ 197.8980, -5.3727,
-3.4185

■ 147.5490,
-70.2767, -46.0855

■ 203.4670, 1.7418,
1.3444

■ 146.3810,
-72.1658, -46.8151

■ 209.0360, 8.8563,
6.1074

■ 214.6050, 15.9707,
10.8704

■ 218.8060, 17.8436,
16.8331

■ 221.7960, 16.3696,
22.9809

Harmonies

Analogous

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



181.3300, -47.4907, 19.0046



175.5080, -34.2674, -22.3705



163.5780, -7.1870, -75.0519

Triad

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



175.5080, -34.2674, -22.3705



147.6440, 52.9265, -129.4838



181.3100, -3.1108, 64.6261

Complementary

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



175.5080, -34.2674, -22.3705



132.4920, 34.2674, 22.3705

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.



190.5320, 16.9927, 56.5384



175.5080, -34.2674, -22.3705



177.6980, 38.1099, -43.5851

Square

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



175.5080, -34.2674, -22.3705



151.5420, 47.5538, -132.9023



190.7640, 31.6683, 15.9930



181.2350, -26.2449, 64.6919

Rectangle

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



175.5080, -34.2674, -22.3705



145.3060, 18.5831, -127.4334



190.7640, 31.6683, 15.9930



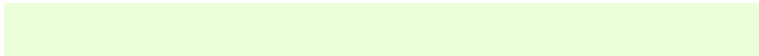
183.2480, 4.3147, 62.9265

Sweetspot

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



175.5080, -34.2674, -22.3705



245.2150, -12.9240, -8.0816



164.6410, -28.9100, 32.7638



121.9040, -7.8407, -5.1778



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.



175.5080, -34.2674, -22.3705



214.8490, -51.6906, -34.0706



162.6940, -26.4711, -49.7206



99.0660, -3.4835, -2.6889



120.1660, -59.2418, -38.7336



27.6880, -13.6502, -8.4964

Inverse Universe

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



132.4920, 34.2674, 22.3705



149.8520, 51.8380, 33.4558



145.3060, 26.4711, 49.7206



94.6350, 3.6309, 2.0741



45.8340, 59.2418, 38.7336



10.6110, 13.5028, 9.1112

Previews

White Background



This preview shows how the YUV color 175.5080, -34.2674, -22.3705 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 175.5080, -34.2674, -22.3705 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 175.5080, -34.2674, -22.3705 Background



This preview shows how black text looks on a background with the YUV color 175.5080, -34.2674, -22.3705.



This preview shows how white text looks on a background with the YUV color 175.5080, -34.2674, -22.3705.

-22.3705.

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

175.5080, -34.2674, -22.3705

Protanopia

182.5780, -40.2180, 19.6641

Deuteranopia

184.8280, -35.9042, 36.1078



Tritanopia

184.9360, 10.3846, -17.4839

Trichromacy



Original Color

175.5080, -34.2674, -22.3705

Protanomaly

179.7610, -37.8432, 4.5946

Deuteranomaly

181.5110, -35.2549, 14.4609

Tritanomaly

181.6850, -5.7607, -19.0177

Monochromacy



Original Color

175.5080, -34.2674, -22.3705

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.7420, -12.1978, -7.6667

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5080, -34.2674, -22.3705 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(150, 202, 106)` looks like.

```
.text, #text, p{  
    color:rgb(150, 202, 106)  
}
```

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(150, 202, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 202, 106) }
```

Border

The CSS property to change the border of an element to YUV 175.5080, -34.2674, -22.3705 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(150, 202, 106) }
```


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

```
.border{ border-color:rgb(150, 202, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 202, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 202, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 202, 106);  
box-shadow:4px 4px 4px 4px rgb(150, 202,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 175.5080, -34.2674, -22.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 202, 106) }
```

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

```
.background{ background-color: rgb(150,  
202, 106) }
```

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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