

Converting Colors

YUV(170.1870, -34.1092,
-26.4740)

Have a look what the booklet for
YUV(170.1870, -34.1092, -26.4740)
contains.

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Color

**YUV(170.1870, -34.1092,
-26.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC765
RGB	140, 199, 101
RGB Percent	55%, 78%, 40%
CMY	0.4510, 0.2196, 0.6039
CMYK	0.30, 0.00, 0.49, 0.22
HSL	96°, 47%, 59%
HSV	96°, 49%, 78%
XYZ	33.5876, 47.3619, 19.6834
YIQ	170.1870, -3.7060, -42.9860

Conversions

Conversions Part 2

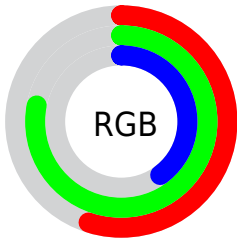
Format	Color
RYB	101, 199, 160
Decimal	9226085
CIELab	74.42, -36.25, 42.81
CIELCh	74, 56.096, 130.255
Yxy	47.3619, 0.3338, 0.4706
Android (android.graphics.Color)	4287416165 (0xFF8CC765)
YUV	170.1870, -34.1092, -26.4740
Hunter-Lab	68.8200, -33.3180, 31.2163

Details

The YUV color **170.1870, -34.1092, -26.4740** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **129.8130, 34.1092, 26.4740**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8450, -35.4196, -26.1741**, and **116.5290, -32.7988, -26.7739** is the 20% darker color. If you saturate the color by 10%, you get **164.3190, -41.0763, -31.8518**, and if you desaturate by 10%, it is **176.0550, -27.1421, -21.0962**.

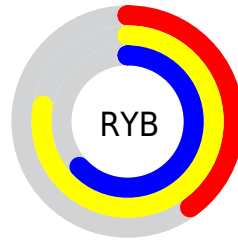
Distribution



Red (55%)

Green (78%)

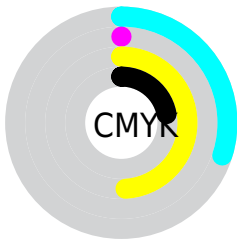
Blue (40%)



Red (40%)

Yellow (78%)

Blue (63%)

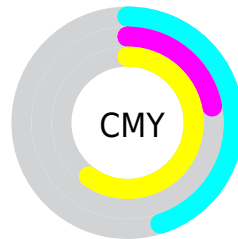


Cyan (30%)

Magenta (0%)

Yellow (49%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1870, -34.1092, -26.4740 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 170.1870, -34.1092, -26.4740 by changing the saturation by 10% instead.

■ 170.1870,
-34.1092, -26.4740

■ 170.1870,
-34.1092, -26.4740

■ 255.0000, 0.0000,
0.0000

■ 142.8280,
-32.9462, -26.1592

■ 225.8450,
-35.4196, -26.1741

■ 116.5290,
-32.7988, -26.7739

■ 237.5940,
-27.9008, -11.0449

■ 90.5290, -32.7988,
-26.7739

■ 249.4570,
-19.9453, 3.9842

■ 64.7460, -31.9198,
-28.7182

■ 253.0620, -7.4256,
1.6996

■ 40.5030, -19.9680,
-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 170.1870,
-34.1092, -26.4740

■ 170.1870,
-34.1092, -26.4740

■ 164.3190,
-41.0763, -31.8518

■ 176.0550,
-27.1421, -21.0962

■ 158.4510,
-48.0433, -37.2295

■ 181.9230,
-20.1750, -15.7185

■ 152.5830,
-55.0104, -42.6073

■ 187.7910,
-13.2080, -10.3407

■ 146.7150,
-61.9775, -47.9851

■ 193.6590, -6.2409,
-4.9629

■ 140.8470,
-68.9446, -53.3628

■ 199.5270, 0.7262,
0.4148

■ 140.4340,
-69.2340, -53.8776

■ 205.2810, 7.2565,
5.8926

■ 211.1490, 14.2235,
11.2703

■ 216.4470, 19.0066,
17.1480

■ 220.0350, 17.2377,
24.5253

Harmonies

Analogous

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



176.5640, -49.0851, 17.0454



170.1870, -34.1092, -26.4740



155.1960, -4.5336, -86.1179

Triad

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



170.1870, -34.1092, -26.4740



145.2960, 54.0841, -127.4246



176.8760, -4.8689, 68.5147

Complementary

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



170.1870, -34.1092, -26.4740



129.8130, 34.1092, 26.4740

Split Complementary

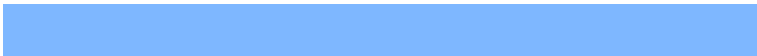
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



185.7390, 16.3977, 60.7419



170.1870, -34.1092, -26.4740



174.1650, 39.8517, -42.2407

Square

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



170.1870, -34.1092, -26.4740



149.7810, 48.4220, -131.3579



186.9540, 33.5467, 20.2113



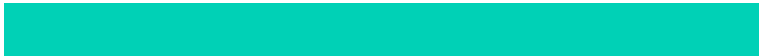
177.2740, -28.7291, 68.1657

Rectangle

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



170.1870, -34.1092, -26.4740



143.4310, 19.0145, -125.7890



186.9540, 33.5467, 20.2113



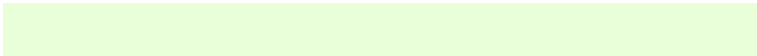
178.9280, 2.9935, 66.7151

Sweetspot

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



170.1870, -34.1092, -26.4740



243.7910, -13.2080, -10.3407



164.9350, -31.5200, 29.8750



121.1920, -7.9827, -6.3074



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.



170.1870, -34.1092, -26.4740



210.6910, -52.1057, -40.9480



159.6660, -23.9923, -51.4501



96.1800, -3.0467, -2.7889



115.1160, -56.7522, -43.9517



25.3180, -12.4818, -9.9259

Inverse Universe

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



129.8130, 34.1092, 26.4740



149.0100, 52.2531, 40.3332



140.3340, 23.9923, 51.4501



92.5210, 3.1941, 2.1741



47.8840, 56.7522, 43.9517



10.3830, 12.6292, 9.3111

Previews

White Background



This preview shows how the YUV color 170.1870, -34.1092, -26.4740 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 170.1870, -34.1092, -26.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

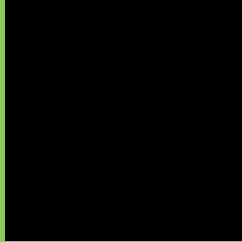
Any Text WCAG AA ✓ Pass

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 170.1870, -34.1092, -26.4740 Background



This preview shows how black text looks on a background with the YUV color 170.1870, -34.1092, -26.4740.



This preview shows how white text looks on a background with the YUV color 170.1870, -34.1092, -26.4740.

-26.4740.

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

170.1870, -34.1092, -26.4740

Protanopia

177.7630, -40.8022, 20.3788

Deuteranopia

180.7140, -36.3410, 36.2078



Tritanopia

180.1420, 11.2690, -21.1725

Trichromacy



Original Color

170.1870, -34.1092, -26.4740

Protanomaly

174.9350, -38.4220, 3.5650

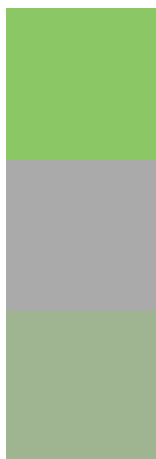
Deuteranomaly

176.7990, -35.3969, 13.3313

Tritanomaly

176.4780, -5.1657, -23.2212

Monochromacy



Original Color

170.1870, -34.1092, -26.4740

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.3180, -12.4818, -9.9259

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1870, -34.1092, -26.4740 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(140, 199, 101)` looks like.

```
.text, #text, p{  
    color:rgb(140, 199, 101)  
}
```

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(140, 199, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 199, 101) }
```

Border

The CSS property to change the border of an element to YUV 170.1870, -34.1092, -26.4740 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(140, 199, 101) }
```


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

```
.border{ border-color:rgb(140, 199, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 199, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 199, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 199, 101);  
box-shadow:4px 4px 4px 4px rgb(140, 199,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 170.1870, -34.1092, -26.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 199, 101) }
```

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

```
.background{ background-color: rgb(140,  
199, 101) }
```

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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