

Converting Colors

YUV(170.4780, -25.3787,
-26.7292)

Have a look what the booklet for
YUV(170.4780, -25.3787, -26.7292)
contains.

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Color

**YUV(170.4780, -25.3787,
-26.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC477
RGB	140, 196, 119
RGB Percent	55%, 77%, 47%
CMY	0.4510, 0.2314, 0.5333
CMYK	0.29, 0.00, 0.39, 0.23
HSL	104°, 39%, 62%
HSV	104°, 39%, 77%
XYZ	33.8849, 46.3872, 24.6205
YIQ	170.4780, -8.6590, -35.8190

Conversions

Conversions Part 2

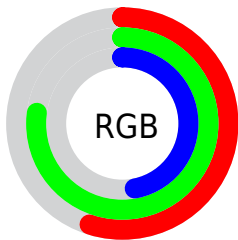
Format	Color
RYB	119, 196, 175
Decimal	9225335
CIELab	73.80, -32.52, 32.98
CIELCh	74, 46.311, 134.599
Yxy	46.3872, 0.3230, 0.4422
Android (android.graphics.Color)	4287415415 (0xFF8CC477)
YUV	170.4780, -25.3787, -26.7292
Hunter-Lab	68.1082, -30.3826, 26.2429

Details

The YUV color **170.4780, -25.3787, -26.7292** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **144.5220, 25.3787, 26.7292**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4240, -26.8310, -27.5588**, and **117.2330, -23.7789, -26.5143** is the 20% darker color. If you saturate the color by 10%, you get **164.0120, -32.0509, -33.3365**, and if you desaturate by 10%, it is **176.9440, -18.7064, -20.1219**.

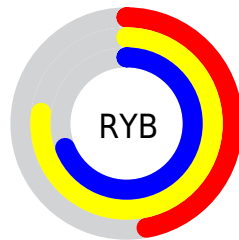
Distribution



Red (55%)

Green (77%)

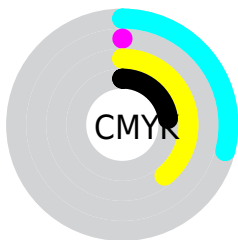
Blue (47%)



Red (47%)

Yellow (77%)

Blue (69%)

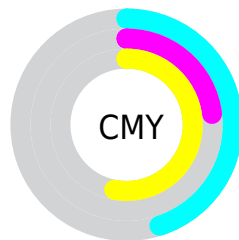


Cyan (29%)

Magenta (0%)

Yellow (39%)

Black (23%)



Cyan (45%)

Magenta (23%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4780, -25.3787, -26.7292 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 170.4780, -25.3787, -26.7292 by changing the saturation by 10% instead.

■ 170.4780,
-25.3787, -26.7292

■ 170.4780,
-25.3787, -26.7292

255.0000, 0.0000,
0.0000

■ 143.7060,
-24.5051, -26.9292

■ 226.4240,
-26.8310, -27.5588

■ 117.2330,
-23.7789, -26.5143

■ 239.4610,
-19.4543, -13.5593

■ 91.7600, -23.0527,
-26.0995

■ 251.3240,
-11.4987, 1.4699

■ 66.2760, -22.3211,
-27.4291

■ 40.5250, -19.9788,
-32.0324

■ 25.8280, -12.7332,
-22.6512

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 170.4780,
-25.3787, -26.7292

■ 170.4780,
-25.3787, -26.7292

■ 164.0120,
-32.0509, -33.3365

■ 176.9440,
-18.7064, -20.1219

■ 157.3610,
-38.1390, -40.6586

■ 183.5950,
-12.6183, -12.7998

■ 150.8950,
-44.8112, -47.2659

■ 190.0610, -5.9461,
-6.1925

■ 144.5430,
-51.0467, -53.9732

■ 196.4130, 0.2894,
0.5148

■ 138.0770,
-57.7190, -60.5805

■ 202.8790, 6.9617,
7.1221

■ 131.3120,
-64.2438, -67.8026

■ 209.6440, 13.4865,
14.3442

■ 130.8990,
-64.5332, -68.3174

■ 215.8820, 19.2852,
21.1515

■ 220.0680, 17.2215,
29.7584

■ 220.3670, 17.0741,
30.3731

Harmonies

Analogous

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



175.8650, -38.8804, 10.6424



170.4780, -25.3787, -26.7292



160.3920, -1.6723, -70.5038

Triad

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



170.4780, -25.3787, -26.7292



159.7140, 46.9760, -87.4492



181.0020, -9.3680, 64.8962

Complementary

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



170.4780, -25.3787, -26.7292



144.5220, 25.3787, 26.7292

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.



186.1700, 9.2832, 55.9789



170.4780, -25.3787, -26.7292



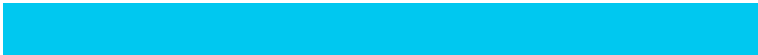
179.2920, 37.3240, -24.8121

Square

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



170.4780, -25.3787, -26.7292



144.7600, 46.9533, -126.9545



186.0700, 27.5735, 22.7406



181.6540, -28.4234, 63.4474

Rectangle

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



170.4780, -25.3787, -26.7292



141.0660, 22.6455, -123.7149



186.0700, 27.5735, 22.7406



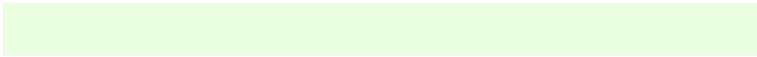
182.5980, -3.2528, 63.4966

Sweetspot

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



170.4780, -25.3787, -26.7292



244.8880, -10.2978, -10.4258



174.3080, -27.2668, 19.0239



122.0610, -5.9461, -6.1925



0.0000, 0.0000, 0.0000



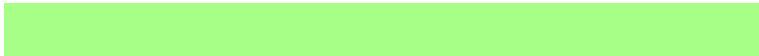
128.0000, 0.0000, 0.0000

Same Dimension

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



170.4780, -25.3787, -26.7292



215.3070, -39.5914, -41.4882



166.1370, -14.8575, -41.3391



93.7670, -3.3361, -3.3037



107.6630, -53.0779, -55.8325



22.0620, -10.8766, -11.4554

Inverse Universe

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



144.5220, 25.3787, 26.7292



174.6930, 39.5914, 41.4882



148.8630, 14.8575, 41.3391



90.2330, 3.3361, 3.3037



53.3370, 53.0779, 55.8325



10.9380, 10.8766, 11.4554

Previews

White Background



This preview shows how the YUV color 170.4780, -25.3787, -26.7292 looks on a white background.

Color Contrast Check

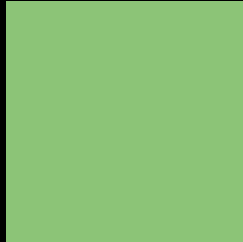
Large Text (above 18pt) WCAG AA × Fail

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 170.4780, -25.3787, -26.7292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

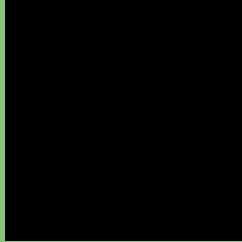
Any Text WCAG AA ✓ Pass

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 170.4780, -25.3787, -26.7292 Background



This preview shows how black text looks on a background with the YUV color 170.4780, -25.3787, -26.7292.



This preview shows how white text looks on a background with the YUV color 170.4780, -25.3787, -26.7292.

-26.7292.

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

170.4780, -25.3787, -26.7292

Protanopia

178.0320, -32.0608, 16.6349

Deuteranopia

180.2710, -27.7416, 31.3343



Tritanopia

178.1420, 11.2690, -21.1725

Trichromacy



Original Color

170.4780, -25.3787, -26.7292

Protanomaly

174.9160, -29.5386, 0.9507

Deuteranomaly

176.3670, -26.8029, 10.2021

Tritanomaly

175.5750, -2.2555, -23.3063

Monochromacy



Original Color

170.4780, -25.3787, -26.7292

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8280, -9.2822, -9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4780, -25.3787, -26.7292 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, 196, 119)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 119)  
}
```

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, 196, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 119) }
```

Border

The CSS property to change the border of an element to YUV 170.4780, -25.3787, -26.7292 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, 196, 119) }
```


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

```
.border{ border-color:rgb(140, 196, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 196, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 196, 119);  
box-shadow:4px 4px 4px 4px rgb(140, 196,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 170.4780, -25.3787, -26.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 119) }
```

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

```
.background{ background-color: rgb(140,  
196, 119) }
```

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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