

Converting Colors

YUV(168.9760, -14.2852,
-85.0480)

Have a look what the booklet for
YUV(168.9760, -14.2852, -85.0480)
contains.

YUV(168.9760, -14.2852, -85.0480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.9760, -14.2852,
-85.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	48E08C
RGB	72, 224, 140
RGB Percent	28%, 88%, 55%
CMY	0.7176, 0.1216, 0.4510
CMYK	0.68, 0.00, 0.37, 0.12
HSL	147°, 71%, 58%
HSV	147°, 68%, 88%
XYZ	34.0618, 56.5825, 33.9372
YIQ	168.9760, -63.6280, -58.3480

Conversions

Conversions Part 2

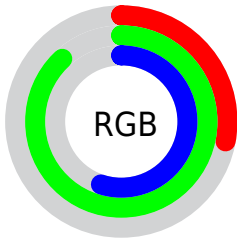
Format	Color
RYB	72, 177, 224
Decimal	4776076
CIELab	79.94, -58.40, 29.82
CIELCh	80, 65.573, 152.952
Yxy	56.5825, 0.2734, 0.4542
Android (android.graphics.Color)	4282966156 (0xFF48E08C)
YUV	168.9760, -14.2852, -85.0480
Hunter-Lab	75.2213, -50.8088, 25.9054

Details

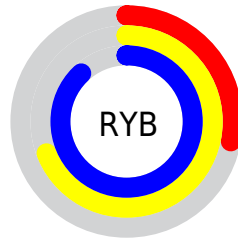
The YUV color **168.9760, -14.2852, -85.0480** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **127.0240, 14.2852, 85.0480**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7640, -9.2507, -66.4450**, and **108.1750, -9.4533, -94.8695** is the 20% darker color. If you saturate the color by 10%, you get **161.0300, -16.2838, -97.3733**, and if you desaturate by 10%, it is **176.9220, -12.2865, -72.7226**.

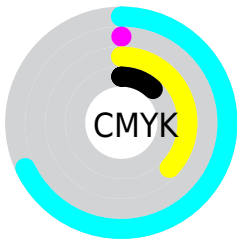
Distribution



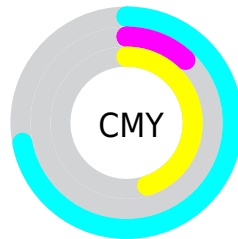
- Red (28%)
- Green (88%)
- Blue (55%)



- Red (28%)
- Yellow (69%)
- Blue (88%)



- Cyan (68%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (72%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9760, -14.2852, -85.0480 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 168.9760, -14.2852, -85.0480 by changing the saturation by 10% instead.

168.9760,
-14.2852, -85.0480

168.9760,
-14.2852, -85.0480

255.0000, 0.0000,
0.0000

135.5340,
-10.6163, -95.1843

212.7640, -9.2507,
-66.4450

108.1750, -9.4533,
-94.8695

224.9260, -1.4425,
-50.8011

89.5900, -12.1229,
-78.5704

237.5010, 6.6550,
-34.6424

71.5920, -15.0819,
-62.7862

246.9270, 3.9800,
-16.5990

53.5940, -18.0408,
-47.0019

36.9810, -18.2316,
-32.4323

23.4800, -11.5756,

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 168.9760,
-14.2852, -85.0480

■ 168.9760,
-14.2852, -85.0480

■ 161.0300,
-16.2838, -97.3733

■ 176.9220,
-12.2865, -72.7226

■ 152.6710,
-18.5718, -110.2135

■ 185.2810, -9.9985,
-59.8824


■ 144.7250,
-20.5704, -122.5388

■ 193.2270, -7.9999,
-47.5571

■ 142.8880,
-21.1438, -125.3128

■ 201.5860, -5.7119,
-34.7169

■ 209.5320, -3.7133,
-22.3916

 217.4780, -1.7147,
-10.0662

 225.8370, 0.5734,
2.7740

 233.7830, 2.5720,
15.0993

 236.3470, 7.2239,
16.3587

Harmonies

Analogous

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



184.5010, -47.0820, -18.8564



168.9760, -14.2852, -85.0480



156.9780, 22.6888, -137.6697

Triad

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



168.9760, -14.2852, -85.0480



172.1510, 40.8446, -80.8164



180.8590, -22.6085, 65.0217

Complementary

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



168.9760, -14.2852, -85.0480



127.0240, 14.2852, 85.0480

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.



182.4160, 6.2039, 63.6562



168.9760, -14.2852, -85.0480



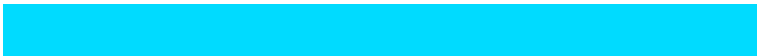
197.2210, 28.4850, 10.3302

Square

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



168.9760, -14.2852, -85.0480



157.6230, 48.0069, -138.2354



196.3000, 28.9391, 51.4799



189.0020, -49.7940, 57.8802

Rectangle

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



168.9760, -14.2852, -85.0480



161.6520, 40.5976, -141.7688



196.3000, 28.9391, 51.4799



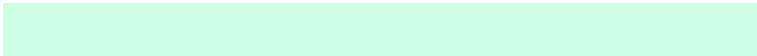
180.0900, -12.8624, 65.6961

Sweetspot

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



168.9760, -14.2852, -85.0480



236.5590, -4.7126, -28.5542



186.9380, -56.6644, -25.3786



116.7930, -2.8559, -17.3585



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.



168.9760, -14.2852, -85.0480



180.1110, -19.2817, -115.8613



177.4120, 18.0379, -92.4463



108.0270, -0.9993, -6.1627



112.3180, -16.4258, -98.5029



30.6840, -4.2812, -26.9099

Inverse Universe

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



127.0240, 14.2852, 85.0480



123.0030, 19.7185, 115.7614



118.5880, -18.0379, 92.4463



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 168.9760, -14.2852, -85.0480 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 168.9760, -14.2852, -85.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

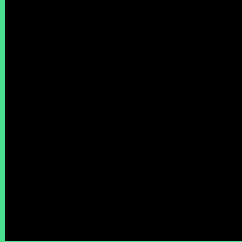
Any Text WCAG AA ✓ Pass

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 168.9760, -14.2852, -85.0480 Background



This preview shows how black text looks on a background with the YUV color 168.9760, -14.2852, -85.0480.



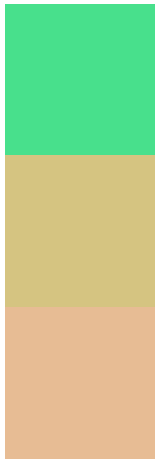
This preview shows how white text looks on a background with the YUV color 168.9760, -14.2852, -85.0480.

-85.0480.

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

168.9760, -14.2852, -85.0480

Protanopia

193.4450, -31.7714, 17.1497

Deuteranopia

196.2970, -23.8104, 30.4345



Tritanopia

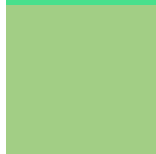
182.3470, 23.4929, -68.7103

Trichromacy



Original Color

168.9760, -14.2852, -85.0480



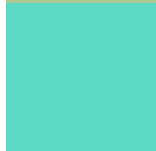
Protanomaly

184.5220, -25.4003, -19.7518



Deuteranomaly

186.2440, -20.3333, -11.6150



Tritanomaly

177.3450, 9.6899, -74.8476

Monochromacy



Original Color

168.9760, -14.2852, -85.0480



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0210, -5.4334, -30.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9760, -14.2852, -85.0480 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(72, 224, 140)` looks like.

```
.text, #text, p{  
    color:rgb(72, 224, 140)  
}
```

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(72, 224, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 224, 140) }
```

Border

The CSS property to change the border of an element to YUV 168.9760, -14.2852, -85.0480 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(72, 224, 140) }
```


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

```
.border{ border-color:rgb(72, 224, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 224, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 224, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 224, 140);  
box-shadow:4px 4px 4px 4px rgb(72, 224,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 168.9760, -14.2852, -85.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 224, 140) }
```

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

```
.background{ background-color: rgb(72, 224,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor