

Converting Colors

YUV(167.2080, -45.9515,
-8.0754)

Have a look what the booklet for
YUV(167.2080, -45.9515, -8.0754)
contains.

YUV(167.2080, -45.9515, -8.0754)	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(167.2080, -45.9515,
-8.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBE4A
RGB	158, 190, 74
RGB Percent	62%, 75%, 29%
CMY	0.3804, 0.2549, 0.7098
CMYK	0.17, 0.00, 0.61, 0.25
HSL	77°, 47%, 52%
HSV	77°, 61%, 75%
XYZ	33.7500, 44.5904, 13.3066
YIQ	167.2080, 18.1640, -42.8600

Conversions

Conversions Part 2

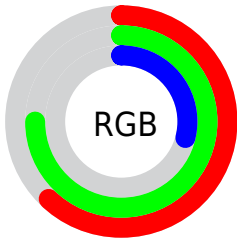
Format	Color
RYB	74, 190, 106
Decimal	10403402
CIELab	72.62, -27.92, 53.55
CIELCh	73, 60.389, 117.543
Yxy	44.5904, 0.3683, 0.4865
Android (android.graphics.Color)	4288593482 (0xFF9EBE4A)
YUV	167.2080, -45.9515, -8.0754
Hunter-Lab	66.7761, -26.6404, 34.9284

Details

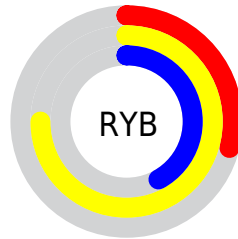
The YUV color **167.2080, -45.9515, -8.0754** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **96.7920, 45.9515, 8.0754**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1650, -47.4093, -7.1607**, and **113.0400, -47.8407, -8.8051** is the 20% darker color. If you saturate the color by 10%, you get **163.5470, -53.5137, -9.2497**, and if you desaturate by 10%, it is **170.8690, -38.3894, -6.9011**.

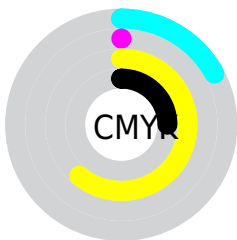
Distribution



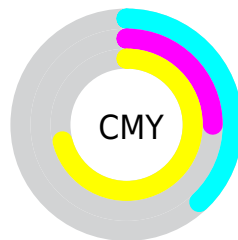
- Red (62%)
- Green (75%)
- Blue (29%)



- Red (29%)
- Yellow (75%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (61%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.2080, -45.9515, -8.0754 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 167.2080, -45.9515, -8.0754 by changing the saturation by 10% instead.

■ 167.2080,
-45.9515, -8.0754

■ 167.2080,
-45.9515, -8.0754

■ 255.0000, 0.0000,
0.0000

■ 139.9090,
-45.8041, -8.6902

■ 223.1650,
-47.4093, -7.1607

■ 113.0400,
-47.8407, -8.8051

■ 240.1970,
-42.4951, 3.3352

■ 88.1800, -43.4727,
-9.8049

■ 246.6780,
-31.8863, 7.2984

■ 65.7310, -32.4054,
-12.9191

■ 249.8700,
-19.6559, 4.4990

■ 43.8580, -21.6220,
-18.2925

■ 253.1760, -6.9888,
1.5996

■ 24.0670, -11.8650,
-21.1068

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 167.2080,
-45.9515, -8.0754

■ 167.2080,
-45.9515, -8.0754

■ 163.5470,
-53.5137, -9.2497

■ 170.8690,
-38.3894, -6.9011

■ 159.8860,
-61.0758, -10.4240

■ 174.5300,
-30.8273, -5.7268

■ 155.9260,
-68.4905, -12.2131

■ 178.4900,
-23.4126, -3.9377

■ 152.7920,
-75.3265, -12.9726

■ 182.1510,
-15.8504, -2.7634

■ 185.8120, -8.2883,
-1.5891

■ 189.4730, -0.7262,
-0.4148

■ 193.4330, 6.6885,
1.3743

■ 197.0940, 14.2507,
2.5486

■ 200.7550, 21.8128,
3.7229

Harmonies

Analogous

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



172.7790, -55.1070, 35.2738



167.2080, -45.9515, -8.0754



156.0390, -19.7392, -62.3012

Triad

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



167.2080, -45.9515, -8.0754



145.8830, 53.7947, -127.9394



173.0580, 5.8874, 71.8631

Complementary

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



167.2080, -45.9515, -8.0754



96.7920, 45.9515, 8.0754

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.



183.1320, 27.0499, 50.7502



167.2080, -45.9515, -8.0754



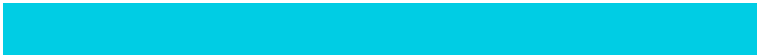
141.5410, 55.9353, -114.4845

Square

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



167.2080, -45.9515, -8.0754



146.3270, 40.2648, -128.3288



177.6520, 38.1326, -4.0798



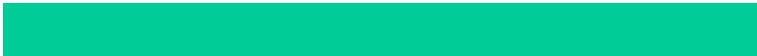
169.7230, -19.5834, 74.7879

Rectangle

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



167.2080, -45.9515, -8.0754



137.0760, 7.3575, -120.2157



177.6520, 38.1326, -4.0798



176.9850, 13.3184, 68.4192

Sweetspot

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



167.2080, -45.9515, -8.0754



238.3960, -17.4502, -2.9783



126.8810, -26.0703, 55.3554



119.4160, -11.0511, -2.1188



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.



167.2080, -45.9515, -8.0754



211.8290, -71.4007, -12.1280



150.1650, -37.5493, -43.1177



92.3760, -3.6364, -0.3298



126.8320, -62.5282, -11.2537



24.7750, -12.2141, -2.4337

Inverse Universe

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



96.7920, 45.9515, 8.0754



102.4700, 71.2533, 12.7428



113.8350, 37.5493, 43.1177



86.9230, 3.4890, 0.9445



31.1680, 62.5282, 11.2537



5.9260, 12.3615, 1.8189

Previews

White Background



This preview shows how the YUV color 167.2080, -45.9515, -8.0754 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 167.2080, -45.9515, -8.0754 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 167.2080, -45.9515, -8.0754 Background



This preview shows how black text looks on a background with the YUV color 167.2080, -45.9515, -8.0754.



This preview shows how white text looks on a background with the YUV color 167.2080, -45.9515, -8.0754.

-8.0754.

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

167.2080, -45.9515, -8.0754

Protanopia

171.7820, -49.6855, 22.9932

Deuteranopia

174.1030, -46.3928, 40.2517



Tritanopia

177.8020, 6.9996, -5.0884

Trichromacy



Original Color

167.2080, -45.9515, -8.0754

Protanomaly

169.7590, -48.1952, 11.6124

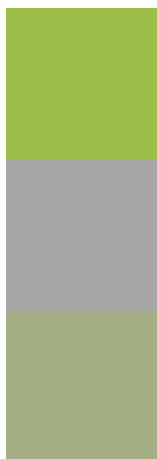
Deuteranomaly

171.6940, -46.1911, 22.1934

Tritanomaly

173.7530, -12.2032, -5.9224

Monochromacy



Original Color

167.2080, -45.9515, -8.0754

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9230, -16.7240, -2.5635

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.2080, -45.9515, -8.0754 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(158, 190, 74)` looks like.

```
.text, #text, p{  
    color:rgb(158, 190, 74)  
}
```

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(158, 190, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 190, 74) }
```

Border

The CSS property to change the border of an element to YUV 167.2080, -45.9515, -8.0754 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(158, 190, 74) }
```


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

```
.border{ border-color:rgb(158, 190, 74) }
```

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

Here you see how a box with a 4 pixel rgb(158, 190, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 190, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 190, 74);  
box-shadow:4px 4px 4px 4px rgb(158, 190,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 167.2080, -45.9515, -8.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 190, 74) }
```

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

```
.background{ background-color: rgb(158,  
190, 74) }
```

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