

Converting Colors

YUV(138.9170, -17.7071,
-13.9592)

Have a look what the booklet for
YUV(138.9170, -17.7071, -13.9592)
contains.

YUV(138.9170, -17.7071, -13.9592)	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(138.9170, -17.7071,
-13.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9A67
RGB	123, 154, 103
RGB Percent	48%, 60%, 40%
CMY	0.5176, 0.3961, 0.5961
CMYK	0.20, 0.00, 0.33, 0.40
HSL	96°, 20%, 50%
HSV	96°, 33%, 60%
XYZ	22.1722, 28.3014, 17.1261
YIQ	138.9170, -2.1050, -22.4330

Conversions

Conversions Part 2

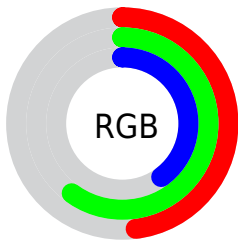
Format	Color
R_{YB}	103, 154, 134
Decimal	8100455
CIE _{Lab}	60.16, -20.48, 23.35
CIE _{LCh}	60, 31.061, 131.256
Yxy	28.3014, 0.3280, 0.4187
Android (android.graphics.Color)	4286290535 (0xFF7B9A67)
YUV	138.9170, -17.7071, -13.9592
Hunter-Lab	53.1991, -18.7037, 18.1525

Details

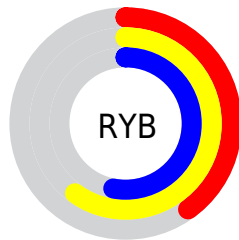
The YUV color **138.9170, -17.7071, -13.9592** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **118.0830, 17.7071, 13.9592**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9770, -18.7227, -14.8888**, and **88.5580, -16.5441, -13.6444** is the 20% darker color. If you saturate the color by 10%, you get **134.5160, -22.9324, -17.9925**, and if you desaturate by 10%, it is **143.3180, -12.4818, -9.9259**.

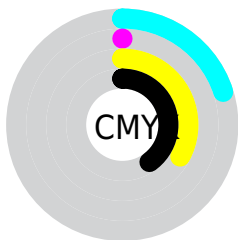
Distribution



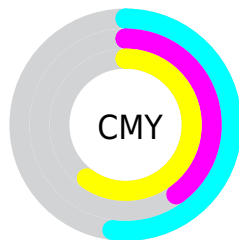
- Red (48%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (53%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9170, -17.7071, -13.9592 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 138.9170, -17.7071, -13.9592 by changing the saturation by 10% instead.

■ 138.9170,
-17.7071, -13.9592

■ 138.9170,
-17.7071, -13.9592

■ 255.0000, 0.0000,
0.0000

■ 113.4440,
-16.9809, -13.5444

■ 192.9770,
-18.7227, -14.8888

■ 88.5580, -16.5441,
-13.6444

■ 220.7490,
-19.5963, -14.6889

■ 64.7860, -15.6705,
-13.8443

■ 242.8790,
-16.7023, -9.5409

■ 41.3130, -14.9443,
-13.4295

■ 253.0620, -7.4256,
1.6996

■ 20.8550, -10.2815,
-15.6588

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,

0.0000

■ 138.9170,
-17.7071, -13.9592

■ 138.9170,
-17.7071, -13.9592

■ 134.5160,
-22.9324, -17.9925

■ 143.3180,
-12.4818, -9.9259

■ 129.7020,
-28.4471, -22.5407

■ 148.1320, -6.9671,
-5.3778

■ 125.3010,
-33.6724, -26.5740

■ 152.5330, -1.7418,
-1.3444

■ 120.7860,
-39.3345, -30.5073

■ 157.0480, 3.9203,
2.5889

■ 116.0860,
-44.4124, -35.1554

■ 161.7480, 8.9982,
7.2370

■ 111.6850,
-49.6377, -39.1887

■ 166.1490, 14.2235,
11.2703

■ 108.3380,
-53.4106, -42.3924

■ 170.9630, 19.7382,
15.8184

■ 175.3640, 24.9635,
19.8518

■ 179.8790, 30.6257,
23.7851

Harmonies

Analogous

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



142.4100, -25.3451, 9.2874



138.9170, -17.7071, -13.9592



134.1340, -3.5171, -38.7055

Triad

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



138.9170, -17.7071, -13.9592



135.7760, 29.6904, -49.7926



147.7930, -5.8139, 44.9085

Complementary

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



138.9170, -17.7071, -13.9592



118.0830, 17.7071, 13.9592

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.



148.7560, 7.0223, 34.4170



138.9170, -17.7071, -13.9592



143.8770, 26.6826, -18.3091

Square

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



138.9170, -17.7071, -13.9592



126.7210, 26.2665, -71.6693



148.3000, 18.5861, 12.0149



146.5680, -18.0280, 42.4749

Rectangle

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



138.9170, -17.7071, -13.9592



130.4830, 7.1569, -55.6746



148.3000, 18.5861, 12.0149



148.2210, -1.5880, 42.7792

Sweetspot

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



138.9170, -17.7071, -13.9592



195.1320, -6.9671, -5.3778



136.4460, -16.4889, 15.3949



98.5390, -4.2097, -3.1037



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



138.9170, -17.7071, -13.9592



177.2290, -27.7209, -22.1258



133.5070, -12.5750, -26.7546



74.5930, -2.7573, -2.2741



98.6250, -48.6221, -38.2591



9.1260, -4.4991, -3.6185

Inverse Universe

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



118.0830, 17.7071, 13.9592



144.7710, 27.7209, 22.1258



123.4930, 12.5750, 26.7546



71.4070, 2.7573, 2.2741



41.3750, 48.6221, 38.2591



3.8740, 4.4991, 3.6185

Previews

White Background



This preview shows how the YUV color 138.9170, -17.7071, -13.9592 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9170, -17.7071, -13.9592 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.9170, -17.7071, -13.9592 Background



This preview shows how black text looks on a background with the YUV color 138.9170, -17.7071, -13.9592.



This preview shows how white text looks on a background with the YUV color 138.9170, -17.7071, -13.9592.

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

138.9170, -17.7071, -13.9592

Protanopia

143.0450, -21.7142, 11.3615

Deuteranopia

144.8060, -19.1314, 22.9721



Tritanopia

143.8830, 7.4527, -10.4214

Trichromacy



Original Color

138.9170, -17.7071, -13.9592

Protanomaly

141.3320, -20.3767, 2.3398

Deuteranomaly

142.5440, -18.5092, 10.0469

Tritanomaly

142.4670, -1.7092, -11.8106

Monochromacy



Original Color

138.9170, -17.7071, -13.9592

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.6590, -6.2409, -4.9629

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9170, -17.7071, -13.9592 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(123, 154, 103)` looks like.

```
.text, #text, p{  
    color:rgb(123, 154, 103)  
}
```

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(123, 154, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 154, 103) }
```

Border

The CSS property to change the border of an element to YUV 138.9170, -17.7071, -13.9592 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(123, 154, 103) }
```


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

```
.border{ border-color:rgb(123, 154, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 154, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 154, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 154, 103);  
box-shadow:4px 4px 4px 4px rgb(123, 154,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 138.9170, -17.7071, -13.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 154, 103) }
```

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

```
.background{ background-color: rgb(123,  
154, 103) }
```

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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