

Converting Colors

YUV(138.9780, -30.0622,
28.9603)

Have a look what the booklet for
YUV(138.9780, -30.0622, 28.9603)
contains.

YUV(138.9780, -30.0622, 28.9603)	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(138.9780, -30.0622,
28.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	AC864E
RGB	172, 134, 78
RGB Percent	67%, 53%, 31%
CMY	0.3255, 0.4745, 0.6941
CMYK	0.00, 0.22, 0.55, 0.33
HSL	36°, 38%, 49%
HSV	36°, 55%, 67%
XYZ	26.9135, 26.3709, 10.8793
YIQ	138.9780, 40.6240, -9.3600

Conversions

Conversions Part 2

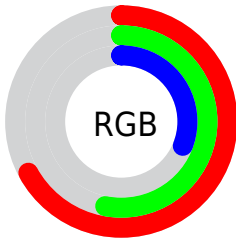
Format	Color
R_{YB}	142, 172, 78
Decimal	11306574
CIE _{Lab}	58.39, 7.70, 35.45
CIE _{LCh}	58, 36.274, 77.749
Yxy	26.3709, 0.4195, 0.4110
Android (android.graphics.Color)	4289496654 (0xFFAC864E)
YUV	138.9780, -30.0622, 28.9603
Hunter-Lab	51.3526, 3.6834, 23.3859

Details

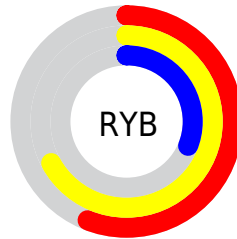
The YUV color **138.9780, -30.0622, 28.9603** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **111.0220, 30.0622, -28.9603**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8320, -31.9622, 31.7193**, and **88.4120, -28.3041, 25.0717** is the 20% darker color. If you saturate the color by 10%, you get **132.9310, -35.4620, 34.2635**, and if you desaturate by 10%, it is **145.0250, -24.6623, 23.6571**.

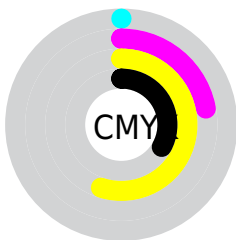
Distribution



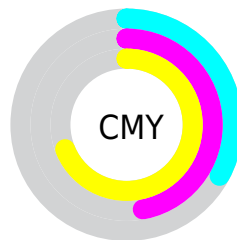
- Red (67%)
- Green (53%)
- Blue (31%)



- Red (56%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9780, -30.0622, 28.9603 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 138.9780, -30.0622, 28.9603 by changing the saturation by 10% instead.

■ 138.9780,
-30.0622, 28.9603

■ 138.9780,
-30.0622, 28.9603

■ 255.0000, 0.0000,
0.0000

■ 113.1950,
-29.1831, 27.0160

■ 192.8320,
-31.9622, 31.7193

■ 88.4120, -28.3041,
25.0717

■ 220.1200,
-32.1042, 30.5898

■ 63.4010, -28.2987,
23.3273

■ 239.6340,
-28.4136, 13.4760

■ 42.9150, -21.1571,
19.3685

■ 249.8700,
-19.6559, 4.4990

■ 23.7000, -11.6841,
14.2951

■ 253.0620, -7.4256,
1.6996

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,

0.0000

■ 138.9780,
-30.0622, 28.9603

■ 138.9780,
-30.0622, 28.9603

■ 132.9310,
-35.4620, 34.2635

■ 145.0250,
-24.6623, 23.6571

■ 126.8840,
-40.8618, 39.5667

■ 151.0720,
-19.2625, 18.3539

■ 120.7230,
-46.6984, 44.9699

■ 157.2330,
-13.4259, 12.9507

■ 114.6760,
-52.0983, 50.2731

■ 163.2800, -8.0260,
7.6474

■ 111.3020,
-54.8719, 53.2321

■ 169.3270, -2.6262,
2.3442

■ 175.3740, 2.7736,
-2.9590

■ 181.4210, 8.1734,
-8.2622

■ 187.5820, 14.0101,
-13.6654

■ 193.6290, 19.4099,
-18.9686

Harmonies

Analogous

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



140.7380, -22.5488, 45.8338



138.9780, -30.0622, 28.9603



135.8780, -28.5339, 5.3690

Triad

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



138.9780, -30.0622, 28.9603



110.2850, 24.0165, -96.7199



144.1700, 19.1432, 20.0219

Complementary

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



138.9780, -30.0622, 28.9603



111.0220, 30.0622, -28.9603

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.



140.4090, 29.8714, -14.3907



138.9780, -30.0622, 28.9603



111.7160, 37.1150, -97.9749

Square

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



138.9780, -30.0622, 28.9603



124.1750, 0.8997, -55.4045



128.7520, 36.1113, -55.9105



143.7680, 5.5374, 44.0535

Rectangle

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



138.9780, -30.0622, 28.9603



133.4780, -21.9277, -13.5742



128.7520, 36.1113, -55.9105



143.5430, 23.3963, 9.1708

Sweetspot

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



138.9780, -30.0622, 28.9603



211.6780, -11.6733, 10.8064



110.5520, 3.1789, 53.8899



104.9100, -6.8576, 6.2179



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



138.9780, -30.0622, 28.9603



172.4950, -47.5720, 45.1699



158.8920, -39.8798, 4.4797



83.6260, -2.7736, 2.9590



97.6800, -48.1562, 45.8846



15.0950, -7.4418, 6.9327

Inverse Universe

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



111.0220, 30.0622, -28.9603



128.0920, 47.2826, -45.6847



91.1080, 39.8798, -4.4797



81.3740, 2.7736, -2.9590



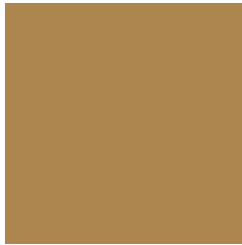
52.9070, 47.8668, -46.3994



7.9050, 7.4418, -6.9327

Previews

White Background



This preview shows how the YUV color 138.9780, -30.0622, 28.9603 looks on a white background.

Color Contrast Check

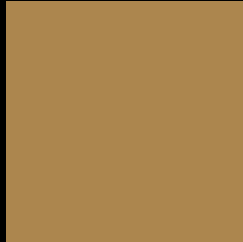
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9780, -30.0622, 28.9603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

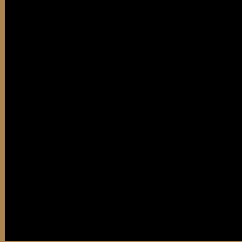
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.9780, -30.0622, 28.9603

Background



This preview shows how black text looks on a background with the YUV color 138.9780, -30.0622, 28.9603.



This preview shows how white text looks on a background with the YUV color 138.9780, -30.0622, 28.9603.

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

138.9780, -30.0622, 28.9603

Protanopia

137.9330, -28.5610, 14.0908

Deuteranopia

138.9780, -30.0622, 28.9603



Tritanopia

143.0900, -3.0024, 29.7391

Trichromacy



Original Color

138.9780, -30.0622, 28.9603

Protanomaly

138.1510, -29.1614, 20.0386

Deuteranomaly

138.9780, -30.0622, 28.9603

Tritanomaly

141.8590, -12.7485, 29.0647

Monochromacy



Original Color

138.9780, -30.0622, 28.9603

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9060, -10.7997, 10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9780, -30.0622, 28.9603 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(172, 134, 78)` looks like.

```
.text, #text, p{  
  color:rgb(172, 134, 78)  
}
```

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(172, 134, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 78) }
```

Border

The CSS property to change the border of an element to YUV 138.9780, -30.0622, 28.9603 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(172, 134, 78) }
```


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

```
.border{ border-color:rgb(172, 134, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 78);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 138.9780, -30.0622, 28.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 78) }
```

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

```
.background{ background-color: rgb(172,  
134, 78) }
```

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