

Converting Colors

YUV(140.4750, -44.1112,
8.3534)

Have a look what the booklet for
YUV(140.4750, -44.1112, 8.3534)
contains.

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Color

**YUV(140.4750, -44.1112,
8.3534)**

Conversions

Conversions Part 1

Format	Color
Hex	969933
RGB	150, 153, 51
RGB Percent	59%, 60%, 20%
CMY	0.4118, 0.4000, 0.8000
CMYK	0.02, 0.00, 0.67, 0.40
HSL	62°, 50%, 40%
HSV	62°, 67%, 60%
XYZ	24.5665, 29.5055, 7.5323
YIQ	140.4750, 30.9540, -32.3580

Conversions

Conversions Part 2

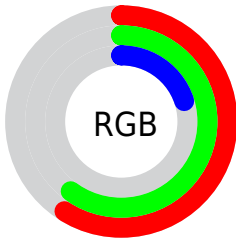
Format	Color
RYB	51, 153, 54
Decimal	9869619
CIELab	61.23, -14.37, 51.05
CIELCh	61, 53.029, 105.724
Yxy	29.5055, 0.3988, 0.4790
Android (android.graphics.Color)	4288059699 (0xFF969933)
YUV	140.4750, -44.1112, 8.3534
Hunter-Lab	54.3190, -14.3293, 29.8016

Details

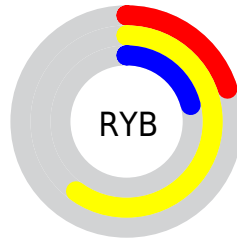
The YUV color **140.4750, -44.1112, 8.3534** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **63.5250, 44.1112, -8.3534**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1440, -45.4270, 10.3977**, and **88.5780, -43.6690, 6.5091** is the 20% darker color. If you saturate the color by 10%, you get **138.7650, -50.6631, 9.8531**, and if you desaturate by 10%, it is **142.1850, -37.5592, 6.8538**.

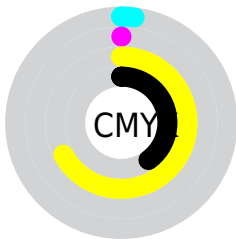
Distribution



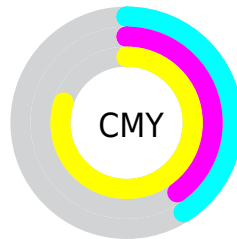
- Red (59%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (21%)



- Cyan (2%)
- Magenta (0%)
- Yellow (67%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4750, -44.1112, 8.3534 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 140.4750, -44.1112, 8.3534 by changing the saturation by 10% instead.

■ 140.4750,
-44.1112, 8.3534

■ 140.4750,
-44.1112, 8.3534

■ 255.0000, 0.0000,
0.0000

■ 113.9480,
-44.8374, 7.9386

■ 195.1440,
-45.4270, 10.3977

■ 88.5780, -43.6690,
6.5091

■ 223.3290,
-46.0112, 11.1125

■ 67.0150, -33.0384,
3.4948

■ 243.8280,
-42.8062, 9.7978

■ 46.3270, -22.8392,
-1.1638

■ 246.9060,
-31.0127, 7.0984

■ 25.9380, -12.7874,
-5.2076

■ 250.2120,
-18.3455, 4.1991

■ 4.6960, -2.3151,
-4.1184

■ 253.4040, -6.1152,

■ 0.0000, 0.0000,

1.3997

0.0000

■ 140.4750,
-44.1112, 8.3534

■ 140.4750,
-44.1112, 8.3534

■ 138.7650,
-50.6631, 9.8531

■ 142.1850,
-37.5592, 6.8538

■ 136.6420,
-57.5045, 10.8380

■ 144.3080,
-30.7178, 5.8689

■ 134.9320,
-64.0565, 12.3376

■ 146.0180,
-24.1659, 4.3692

■ 134.3620,
-66.2405, 12.8375

■ 148.0270,
-17.7613, 3.4843

■ 149.8510,
-10.7725, 1.8847

■ 151.8600, -4.3680,
0.9998

■ 153.5700, 2.1840,
-0.4999

■ 155.5790, 8.5886,
-1.3848

■ 157.4030, 15.5773,
-2.9844

Harmonies

Analogous

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



143.8690, -44.7984, 42.2109



140.4750, -44.1112, 8.3534



133.9780, -27.1042, -33.3067

Triad

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



140.4750, -44.1112, 8.3534



123.0120, 44.8571, -107.8815



149.9690, 10.8613, 63.1712

Complementary

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



140.4750, -44.1112, 8.3534



63.5250, 44.1112, -8.3534

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.



152.1890, 30.4728, 26.1442



140.4750, -44.1112, 8.3534



120.4650, 57.9448, -105.6478

Square

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



140.4750, -44.1112, 8.3534



119.9850, 25.6434, -105.2268



144.2510, 46.2183, -30.9151



147.3240, -11.0057, 76.8919

Rectangle

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



140.4750, -44.1112, 8.3534



122.4750, -7.6292, -73.2076



144.2510, 46.2183, -30.9151



151.0370, 17.7298, 53.4646

Sweetspot

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



140.4750, -44.1112, 8.3534



194.1410, -17.3245, 3.3843



82.6720, -15.6143, 61.6777



96.3780, -10.0464, 2.2995



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



140.4750, -44.1112, 8.3534



179.3790, -68.7138, 12.8226



125.5250, -36.7408, -22.3854



75.7890, -3.3470, 0.1850



122.8440, -60.5621, 11.5378



11.2190, -5.5310, 0.6849

Inverse Universe

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



63.5250, 44.1112, -8.3534



59.3220, 68.8613, -13.4374



78.4750, 36.7408, 22.3854



69.9120, 3.4944, -0.7998



17.1560, 60.5621, -11.5378



1.4820, 5.6784, -1.2997

Previews

White Background



This preview shows how the YUV color 140.4750, -44.1112, 8.3534 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 140.4750, -44.1112, 8.3534 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 140.4750, -44.1112, 8.3534

Background



This preview shows how black text looks on a background with the YUV color 140.4750, -44.1112, 8.3534.



This preview shows how white text looks on a background with the YUV color 140.4750, -44.1112, 8.3534.

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

140.4750, -44.1112, 8.3534

Protanopia

141.9110, -45.3121, 20.2491

Deuteranopia

143.4660, -43.6137, 35.5483



Tritanopia

149.3370, 2.2989, 9.3515

Trichromacy



Original Color

140.4750, -44.1112, 8.3534

Protanomaly

141.5900, -45.1539, 16.1456

Deuteranomaly

142.6990, -43.7286, 25.6970

Tritanomaly

146.2710, -14.4306, 8.5323

Monochromacy



Original Color

140.4750, -44.1112, 8.3534

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.4830, -16.0141, 3.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4750, -44.1112, 8.3534 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(150, 153, 51)` looks like.

```
.text, #text, p{  
    color:rgb(150, 153, 51)  
}
```

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(150, 153, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 153, 51) }
```

Border

The CSS property to change the border of an element to YUV 140.4750, -44.1112, 8.3534 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(150, 153, 51) }
```


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

```
.border{ border-color:rgb(150, 153, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 153, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 153, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 153, 51);  
box-shadow:4px 4px 4px 4px rgb(150, 153,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 140.4750, -44.1112, 8.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 153, 51) }
```

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

```
.background{ background-color: rgb(150,  
153, 51) }
```

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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