

Converting Colors

YUV(151.8360, -44.7821,
36.9778)

Have a look what the booklet for
YUV(151.8360, -44.7821, 36.9778)
contains.

YUV(151.8360, -44.7821, 36.9778)	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(151.8360, -44.7821,
36.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	C2943D
RGB	194, 148, 61
RGB Percent	76%, 58%, 24%
CMY	0.2392, 0.4196, 0.7608
CMYK	0.00, 0.24, 0.69, 0.24
HSL	39°, 52%, 50%
HSV	39°, 69%, 76%
XYZ	33.6803, 32.9861, 9.0067
YIQ	151.8360, 55.3430, -17.3050

Conversions

Conversions Part 2

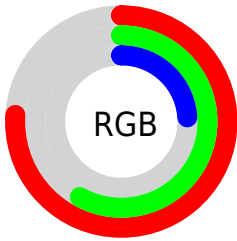
Format	Color
RYB	131, 194, 61
Decimal	12751933
CIELab	64.15, 8.35, 51.05
CIElCh	64, 51.724, 80.712
Yxy	32.9861, 0.4451, 0.4359
Android (android.graphics.Color)	4290942013 (0xFFC2943D)
YUV	151.8360, -44.7821, 36.9778
Hunter-Lab	57.4335, 4.1680, 30.9056

Details

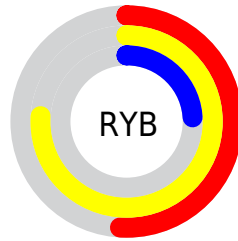
The YUV color **151.8360, -44.7821, 36.9778** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **103.1640, 44.7821, -36.9778**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4020, -46.5402, 40.8664**, and **98.4180, -47.5341, 32.9594** is the 20% darker color. If you saturate the color by 10%, you get **145.5610, -51.0556, 42.4810**, and if you desaturate by 10%, it is **158.1110, -38.5087, 31.4747**.

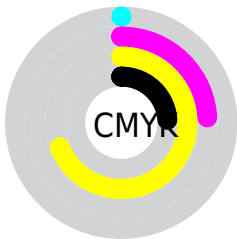
Distribution



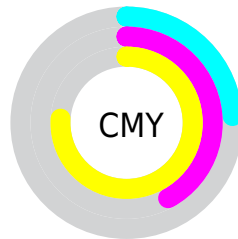
- Red (76%)
- Green (58%)
- Blue (24%)



- Red (51%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (69%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8360, -44.7821, 36.9778 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 151.8360, -44.7821, 36.9778 by changing the saturation by 10% instead.

■ 151.8360,
-44.7821, 36.9778

■ 151.8360,
-44.7821, 36.9778

■ 255.0000, 0.0000,
0.0000

■ 124.9390,
-44.3399, 35.1335

■ 207.4020,
-46.5402, 40.8664

■ 98.4180, -47.5341,
32.9594

■ 227.1010,
-43.4338, 24.4674

■ 76.0290, -37.4823,
28.9156

■ 244.8540,
-38.8750, 8.8980

■ 55.0420, -27.1357,
23.6422

■ 248.0460,
-26.6447, 6.0987

■ 34.6420, -17.0785,
17.8540

■ 251.2380,
-14.4143, 3.2993

■ 13.9650, -6.8847,
14.9397

■ 254.5440, -1.7472,

■ 0.0000, 0.0000,

0.3999

0.0000

■ 151.8360,
-44.7821, 36.9778

■ 151.8360,
-44.7821, 36.9778

■ 145.5610,
-51.0556, 42.4810

■ 158.1110,
-38.5087, 31.4747

■ 139.7590,
-58.0552, 47.5694

■ 163.9130,
-31.5091, 26.3863

■ 133.4840,
-64.3286, 53.0725

■ 170.1880,
-25.2357, 20.8831

■ 132.5550,
-65.3496, 53.8873

■ 176.5770,
-18.5255, 15.2800

■ 182.8520,
-12.2520, 9.7768

■ 188.5400, -5.6892,
4.7884

■ 194.9290, 1.0210,
-0.8147

■ 201.2040, 7.2944,
-6.3179

■ 207.0060, 14.2940,
-11.4063

Harmonies

Analogous

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



154.1610, -34.0964, 63.0028



151.8360, -44.7821, 36.9778



147.8270, -41.3267, 1.9057

Triad

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



151.8360, -44.7821, 36.9778



125.8040, 30.1696, -110.3301



159.9080, 26.6674, 33.4067

Complementary

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



151.8360, -44.7821, 36.9778



103.1640, 44.7821, -36.9778

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.



155.1170, 42.8333, -18.5196



151.8360, -44.7821, 36.9778



127.9020, 48.3623, -112.1701

Square

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



151.8360, -44.7821, 36.9778



120.3320, 9.2033, -105.5312



124.8990, 59.7028, -109.5364



157.9540, 6.9247, 65.8153

Rectangle

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



151.8360, -44.7821, 36.9778



143.8220, -30.4782, -24.3999



124.8990, 59.7028, -109.5364



160.0030, 32.5365, 17.5374

Sweetspot

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



151.8360, -44.7821, 36.9778



235.3920, -17.9413, 14.5652



106.1250, 0.9244, 77.0664



117.3080, -10.5048, 9.3769



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.



151.8360, -44.7821, 36.9778



186.7250, -69.8704, 57.2462



172.8580, -55.1460, 1.0015



94.0990, -3.4998, 2.5442



109.7740, -54.1186, 44.9252



22.7810, -11.2310, 8.9621

Inverse Universe

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



103.1640, 44.7821, -36.9778



110.8620, 69.5810, -57.7610



82.1420, 55.1460, -1.0015



90.4880, 3.2104, -3.0590



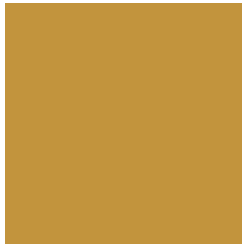
51.2260, 54.1186, -44.9252



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 151.8360, -44.7821, 36.9778 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 151.8360, -44.7821, 36.9778 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 151.8360, -44.7821, 36.9778

Background



This preview shows how black text looks on a background with the YUV color 151.8360, -44.7821, 36.9778.



This preview shows how white text looks on a background with the YUV color 151.8360, -44.7821, 36.9778.

36.9778.

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

151.8360, -44.7821, 36.9778

Protanopia

150.4810, -43.1281, 19.7492

Deuteranopia

151.8360, -44.7821, 36.9778



Tritanopia

158.3790, -4.6238, 36.5016

Trichromacy



Original Color

151.8360, -44.7821, 36.9778

Protanomaly

150.9980, -43.8760, 26.3118

Deuteranomaly

151.8360, -44.7821, 36.9778

Tritanomaly

155.8940, -19.1747, 36.9270

Monochromacy



Original Color

151.8360, -44.7821, 36.9778

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1360, -16.3360, 13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8360, -44.7821, 36.9778 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(194, 148, 61)` looks like.

```
.text, #text, p{  
    color:rgb(194, 148, 61)  
}
```

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(194, 148, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 148, 61) }
```

Border

The CSS property to change the border of an element to YUV 151.8360, -44.7821, 36.9778 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(194, 148, 61) }
```


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

```
.border{ border-color:rgb(194, 148, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 148, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 148, 61); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 148, 61); box-shadow:4px 4px 4px 4px rgb(194, 148, 61) }
```

Background

The CSS property to change the background color of an element to YUV 151.8360, -44.7821, 36.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 148, 61) }
```

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

```
.background{ background-color: rgb(194,  
148, 61) }
```

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