

Converting Colors

YUV(152.8230, -41.8177,
19.4492)

Have a look what the booklet for
YUV(152.8230, -41.8177, 19.4492)
contains.

YUV(152.8230, -41.8177, 19.4492)	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(152.8230, -41.8177,
19.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9E44
RGB	175, 158, 68
RGB Percent	69%, 62%, 27%
CMY	0.3137, 0.3804, 0.7333
CMYK	0.00, 0.10, 0.61, 0.31
HSL	50°, 44%, 48%
HSV	50°, 61%, 69%
XYZ	30.9494, 33.9850, 10.3974
YIQ	152.8230, 39.0220, -24.3860

Conversions

Conversions Part 2

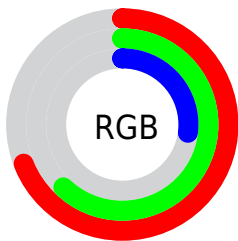
Format	Color
RYB	88, 175, 68
Decimal	11509316
CIELab	64.95, -4.94, 48.16
CIELCh	65, 48.408, 95.856
Yxy	33.9850, 0.4108, 0.4511
Android (android.graphics.Color)	4289699396 (0xFFAF9E44)
YUV	152.8230, -41.8177, 19.4492
Hunter-Lab	58.2967, -7.2544, 30.2331

Details

The YUV color **152.8230, -41.8177, 19.4492** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **90.1770, 41.8177, -19.4492**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7910, -43.2810, 22.1083**, and **100.2850, -42.5385, 17.2901** is the 20% darker color. If you saturate the color by 10%, you get **149.1240, -48.3751, 22.6933**, and if you desaturate by 10%, it is **156.6360, -34.8235, 16.1052**.

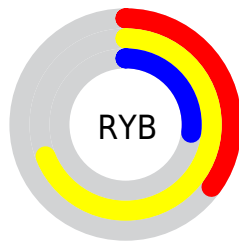
Distribution



Red (69%)

Green (62%)

Blue (27%)



Red (35%)

Yellow (69%)

Blue (27%)

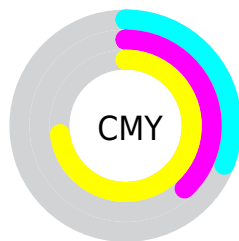


Cyan (0%)

Magenta (10%)

Yellow (61%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8230, -41.8177, 19.4492 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 152.8230, -41.8177, 19.4492 by changing the saturation by 10% instead.

■ 152.8230,
-41.8177, 19.4492

■ 152.8230,
-41.8177, 19.4492

255.0000, 0.0000,
0.0000

■ 126.2250,
-41.5229, 18.2197

■ 207.7910,
-43.2810, 22.1083

■ 100.2850,
-42.5385, 17.2901

■ 234.3560,
-43.5595, 18.1048

■ 76.5280, -37.7283,
14.4459

■ 245.6520,
-35.8174, 8.1982

■ 55.2530, -27.2397,
10.3021

■ 248.8440,
-23.5871, 5.3988

■ 35.4510, -17.4773,
5.7435

■ 252.1500,
-10.9200, 2.4994

■ 15.3390, -7.5621,
-1.1743

■ 0.0000, 0.0000,

0.0000

■ 152.8230,
-41.8177, 19.4492

■ 152.8230,
-41.8177, 19.4492

■ 149.1240,
-48.3751, 22.6933

■ 156.6360,
-34.8235, 16.1052

■ 145.3110,
-55.3693, 26.0373

■ 160.3350,
-28.2662, 12.8612

■ 142.1990,
-62.2161, 28.7665

■ 163.5610,
-20.9826, 10.0320

■ 138.6140,
-68.3367, 31.9105

■ 167.2600,
-14.4252, 6.7880

■ 171.0730, -7.4310,
3.4440

■ 174.7720, -0.8736,
0.2000

■ 177.9980, 6.4100,
-2.6292

■ 181.6970, 12.9674,
-5.8733

■ 185.5100, 19.9616,
-9.2173

Harmonies

Analogous

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



155.9220, -38.4155, 48.3034



152.8230, -41.8177, 19.4492



148.0510, -31.0841, -16.7077

Triad

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



152.8230, -41.8177, 19.4492



128.0840, 38.9056, -112.3297



161.8470, 15.8514, 49.2462

Complementary

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



152.8230, -41.8177, 19.4492



90.1770, 41.8177, -19.4492

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.



161.3610, 32.8530, 9.3304



152.8230, -41.8177, 19.4492



127.2810, 53.5985, -111.6254

Square

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



152.8230, -41.8177, 19.4492



124.4700, 19.9813, -109.1602



150.1520, 46.2671, -46.6143



159.4030, -4.1427, 68.9296

Rectangle

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



152.8230, -41.8177, 19.4492



142.4310, -17.4675, -44.2280



150.1520, 46.2671, -46.6143



162.3770, 21.9991, 37.3804

Sweetspot

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



152.8230, -41.8177, 19.4492



218.2170, -15.8830, 7.7027



102.0450, -7.9102, 63.9815



109.8020, -9.7624, 4.5586



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



152.8230, -41.8177, 19.4492



192.8140, -64.9843, 29.9811



152.0380, -41.4307, -11.4343



84.8000, -3.3524, 1.9294



119.3990, -58.8637, 26.8371



18.0300, -8.8888, 4.3587

Inverse Universe

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



90.1770, 41.8177, -19.4492



95.7730, 64.6949, -30.4959



90.9620, 41.4307, 11.4343



79.6130, 3.6418, -1.4146



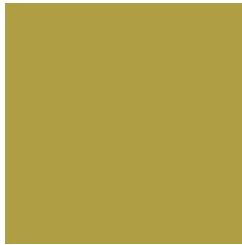
31.1880, 58.5743, -27.3519



4.9700, 8.8888, -4.3587

Previews

White Background



This preview shows how the YUV color 152.8230, -41.8177, 19.4492 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 152.8230, -41.8177, 19.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

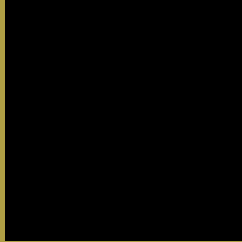
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.8230, -41.8177, 19.4492

Background



This preview shows how black text looks on a background with the YUV color 152.8230, -41.8177, 19.4492.



This preview shows how white text looks on a background with the YUV color 152.8230, -41.8177, 19.4492.

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

152.8230, -41.8177, 19.4492

Protanopia

152.8230, -41.8177, 19.4492

Deuteranopia

154.3350, -41.5772, 35.6632



Tritanopia

159.8330, 0.0823, 20.3175

Trichromacy



Original Color

152.8230, -41.8177, 19.4492

Protanomaly

152.8230, -41.8177, 19.4492

Deuteranomaly

153.8890, -41.8503, 29.9153

Tritanomaly

157.5220, -15.0473, 19.7132

Monochromacy



Original Color

152.8230, -41.8177, 19.4492

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0320, -15.2988, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8230, -41.8177, 19.4492 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(175, 158, 68)` looks like.

```
.text, #text, p{  
    color:rgb(175, 158, 68)  
}
```

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(175, 158, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 158, 68) }
```

Border

The CSS property to change the border of an element to YUV 152.8230, -41.8177, 19.4492 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(175, 158, 68) }
```


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

```
.border{ border-color:rgb(175, 158, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 158, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 158, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 158, 68);  
box-shadow:4px 4px 4px 4px rgb(175, 158,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 152.8230, -41.8177, 19.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 158, 68) }
```

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

```
.background{ background-color: rgb(175,  
158, 68) }
```

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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