

Converting Colors

YUV(151.1780, -46.9228,
23.5229)

Have a look what the booklet for
YUV(151.1780, -46.9228, 23.5229)
contains.

YUV(151.1780, -46.9228, 23.5229)	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(151.1780, -46.9228,
23.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	B29C38
RGB	178, 156, 56
RGB Percent	70%, 61%, 22%
CMY	0.3020, 0.3882, 0.7804
CMYK	0.00, 0.12, 0.69, 0.30
HSL	49°, 52%, 46%
HSV	49°, 69%, 70%
XYZ	30.9624, 33.5274, 8.5809
YIQ	151.1780, 45.2120, -26.4360

Conversions

Conversions Part 2

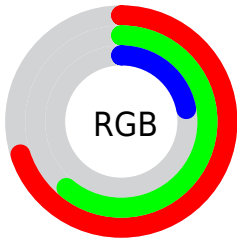
Format	Color
RYB	83, 178, 56
Decimal	11705400
CIELab	64.59, -3.32, 53.19
CIELCh	65, 53.297, 93.569
Yxy	33.5274, 0.4237, 0.4588
Android (android.graphics.Color)	4289895480 (0xFFB29C38)
YUV	151.1780, -46.9228, 23.5229
Hunter-Lab	57.9029, -5.8808, 31.7455

Details

The YUV color **151.1780, -46.9228, 23.5229** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **82.8220, 46.9228, -23.5229**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1460, -48.3860, 26.1820**, and **98.1130, -48.3697, 20.9489** is the 20% darker color. If you saturate the color by 10%, you get **147.3650, -53.9169, 26.8669**, and if you desaturate by 10%, it is **154.9910, -39.9286, 20.1789**.

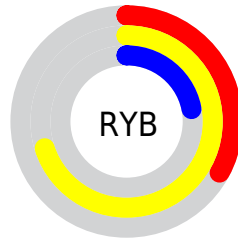
Distribution



Red (70%)

Green (61%)

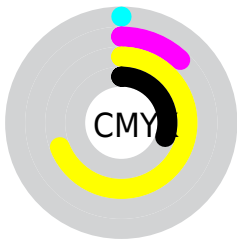
Blue (22%)



Red (33%)

Yellow (70%)

Blue (22%)

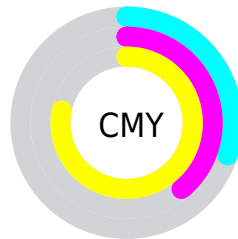


Cyan (0%)

Magenta (12%)

Yellow (69%)

Black (30%)



Cyan (30%)

Magenta (39%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1780, -46.9228, 23.5229 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 151.1780, -46.9228, 23.5229 by changing the saturation by 10% instead.

■ 151.1780,
-46.9228, 23.5229

■ 151.1780,
-46.9228, 23.5229

■ 255.0000, 0.0000,
0.0000

■ 124.3520,
-47.5015, 22.4933

■ 206.1460,
-48.3860, 26.1820

■ 98.1130, -48.3697,
20.9489

■ 231.3410,
-47.4961, 20.7489

■ 75.9520, -37.4443,
16.7051

■ 244.3980,
-40.6222, 9.2980

■ 55.2640, -27.2452,
12.0465

■ 247.5900,
-28.3919, 6.4986

■ 34.5760, -17.0460,
7.3878

■ 250.7820,
-16.1615, 3.6992

■ 14.7630, -7.2782,
1.0848

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 151.1780,
-46.9228, 23.5229

■ 151.1780,
-46.9228, 23.5229

■ 147.3650,
-53.9169, 26.8669

■ 154.9910,
-39.9286, 20.1789

■ 143.5520,
-60.9111, 30.2109

■ 158.8040,
-32.9344, 16.8349

■ 139.2660,
-67.1791, 33.9697

■ 163.0900,
-26.6664, 13.0761

■ 138.9240,
-68.4895, 34.2697

■ 166.9030,
-19.6722, 9.7321

■ 170.7160,
-12.6780, 6.3881

■ 174.5290, -5.6838,
3.0441

■ 178.3420, 1.3104,
-0.2999

■ 182.6280, 7.5784,
-4.0588

■ 186.4410, 14.5726,
-7.4028

Harmonies

Analogous

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



154.5700, -41.2000, 54.7511



151.1780, -46.9228, 23.5229



146.0960, -36.0363, -14.9932

Triad

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



151.1780, -46.9228, 23.5229



128.7850, 39.0530, -112.9444



160.7810, 19.3350, 51.9351

Complementary

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



151.1780, -46.9228, 23.5229



82.8220, 46.9228, -23.5229

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.



160.1910, 37.3738, 5.9715



151.1780, -46.9228, 23.5229



129.0250, 55.2037, -113.1549

Square

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



151.1780, -46.9228, 23.5229



124.0140, 18.2341, -108.7603



144.4750, 53.0098, -62.6836



157.0170, -1.9804, 75.4071

Rectangle

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



151.1780, -46.9228, 23.5229



139.9100, -20.6616, -46.4021



144.4750, 53.0098, -62.6836



161.4140, 25.9249, 38.2249

Sweetspot

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



151.1780, -46.9228, 23.5229



221.1310, -18.7986, 9.5321



94.9860, -8.3741, 72.8033



110.7590, -11.2202, 5.4734



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



151.1780, -46.9228, 23.5229



190.3820, -73.1523, 36.4990



152.4310, -47.5405, -11.7790



87.3870, -3.6418, 1.4146



119.1220, -58.7271, 29.7110



20.1010, -9.9098, 5.1734

Inverse Universe

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



82.8220, 46.9228, -23.5229



83.6180, 73.1523, -36.4990



81.5690, 47.5405, 11.7790



82.2000, 3.3524, -1.9294



33.8780, 58.7271, -29.7110



5.8990, 9.9098, -5.1734

Previews

White Background



This preview shows how the YUV color 151.1780, -46.9228, 23.5229 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 151.1780, -46.9228, 23.5229 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 151.1780, -46.9228, 23.5229

Background



This preview shows how black text looks on a background with the YUV color 151.1780, -46.9228, 23.5229.

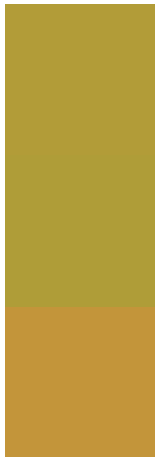


This preview shows how white text looks on a background with the YUV color 151.1780, -46.9228, 23.5229.

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

151.1780, -46.9228, 23.5229

Protanopia

150.8680, -46.7699, 21.1638

Deuteranopia

152.3800, -46.5293, 37.3777



Tritanopia

159.2140, -1.0915, 23.4913

Trichromacy



Original Color

151.1780, -46.9228, 23.5229

Protanomaly

151.1670, -46.9173, 21.7785

Deuteranomaly

152.2330, -46.9499, 32.2447

Tritanomaly

156.4470, -17.9684, 23.2870

Monochromacy



Original Color

151.1780, -46.9228, 23.5229

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1740, -17.3408, 8.6174

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1780, -46.9228, 23.5229 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(178, 156, 56)` looks like.

```
.text, #text, p{  
    color:rgb(178, 156, 56)  
}
```

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(178, 156, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 156, 56) }
```

Border

The CSS property to change the border of an element to YUV 151.1780, -46.9228, 23.5229 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(178, 156, 56) }
```


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

```
.border{ border-color:rgb(178, 156, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 156, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 156, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 156, 56);  
box-shadow:4px 4px 4px 4px rgb(178, 156,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 151.1780, -46.9228, 23.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 156, 56) }
```

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

```
.background{ background-color: rgb(178,  
156, 56) }
```

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