

Converting Colors

YUV(117.7170, -51.1325,
20.4192)

Have a look what the booklet for
YUV(117.7170, -51.1325, 20.4192)
contains.

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Color

**YUV(117.7170, -51.1325,
20.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7E0E
RGB	141, 126, 14
RGB Percent	55%, 49%, 5%
CMY	0.4471, 0.5059, 0.9451
CMYK	0.00, 0.11, 0.90, 0.45
HSL	53°, 82%, 30%
HSV	53°, 90%, 55%
XYZ	18.5246, 20.6161, 3.4184
YIQ	117.7170, 44.8920, -31.6520

Conversions

Conversions Part 2

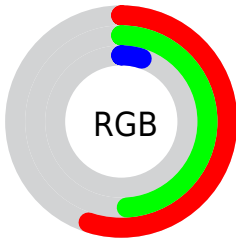
Format	Color
RYB	31, 141, 14
Decimal	9272846
CIELab	52.53, -5.48, 55.06
CIELCh	53, 55.328, 95.684
Yxy	20.6161, 0.4353, 0.4844
Android (android.graphics.Color)	4287462926 (0xFF8D7E0E)
YUV	117.7170, -51.1325, 20.4192
Hunter-Lab	45.4050, -6.6331, 27.3197

Details

The YUV color **117.7170, -51.1325, 20.4192** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **37.2830, 51.1325, -20.4192**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8960, -49.2487, 22.8932**, and **71.2120, -35.1075, 13.8461** is the 20% darker color. If you saturate the color by 10%, you get **114.9470, -56.6689, 22.8485**, and if you desaturate by 10%, it is **120.4870, -45.5961, 17.9899**.

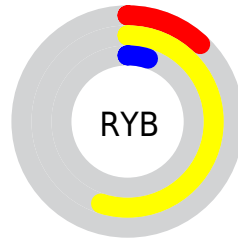
Distribution



Red (55%)

Green (49%)

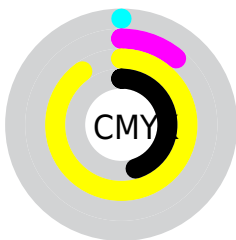
Blue (5%)



Red (12%)

Yellow (55%)

Blue (5%)

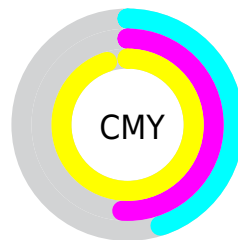


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7170, -51.1325, 20.4192 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 117.7170, -51.1325, 20.4192 by changing the saturation by 10% instead.

■ 117.7170,
-51.1325, 20.4192

■ 117.7170,
-51.1325, 20.4192

■ 255.0000, 0.0000,
0.0000

■ 93.0740, -45.8855,
17.4751

■ 171.8960,
-49.2487, 22.8932

■ 71.2120, -35.1075,
13.8461

■ 200.0810,
-49.8329, 23.6080

■ 50.2250, -24.7609,
8.5727

■ 227.8530,
-50.7065, 23.8079

■ 30.4230, -14.9985,
4.0140

■ 243.2580,
-44.9902, 10.2977

■ 7.6310, -3.7621,
-6.6924

■ 246.4500,
-32.7599, 7.4983

■ 0.0000, 0.0000,
0.0000

■ 249.6420,

-20.5295, 4.6990

■ 252.9480, -7.8624,
1.7996

■ 117.7170,
-51.1325, 20.4192

■ 117.7170,
-51.1325, 20.4192

■ 114.9470,
-56.6689, 22.8485

■ 120.4870,
-45.5961, 17.9899

■ 122.6700,
-39.7703, 16.0754

■ 125.4400,
-34.2339, 13.6461

■ 128.2100,
-28.6975, 11.2168

■ 130.5070,
-22.4350, 9.2024

■ 133.2770,
-16.8986, 6.7731

■ 136.0470,
-11.3622, 4.3438

■ 138.2300, -5.5364,
2.4293

■ 141.0000, 0.0000,
0.0000

Harmonies

Analogous

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



121.0920, -42.9364, 51.6623



117.7170, -51.1325, 20.4192



112.8890, -35.4413, -19.1967

Triad

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



117.7170, -51.1325, 20.4192



106.8090, 36.0832, -93.6715



127.2760, 18.5979, 55.0089

Complementary

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



117.7170, -51.1325, 20.4192



37.2830, 51.1325, -20.4192

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.



128.3870, 36.7842, 8.4306



117.7170, -51.1325, 20.4192



106.9350, 51.7970, -93.7820

Square

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



117.7170, -51.1325, 20.4192



102.0380, 15.2643, -89.4873



101.7110, 58.3165, -84.8155



122.6150, -2.2752, 76.6366

Rectangle

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



117.7170, -51.1325, 20.4192



104.0660, -17.2875, -55.3089



101.7110, 58.3165, -84.8155



128.9090, 25.1879, 41.2988

Sweetspot

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



117.7170, -51.1325, 20.4192



174.7780, -20.1036, 8.0877



53.9110, -11.2951, 76.3771



86.2320, -11.9464, 5.0585



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.7170, -51.1325, 20.4192



150.1100, -74.0042, 29.7215



112.4690, -48.5452, -16.1973



70.2020, -3.0576, 0.6998



110.2180, -54.3375, 21.7338



6.5010, -3.2050, 1.3146

Inverse Universe

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



37.2830, 51.1325, -20.4192



33.8900, 74.0042, -29.7215



42.5310, 48.5452, 16.1973



65.3850, 2.7682, -1.2146



24.7820, 54.3375, -21.7338



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 117.7170, -51.1325, 20.4192 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 117.7170, -51.1325, 20.4192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

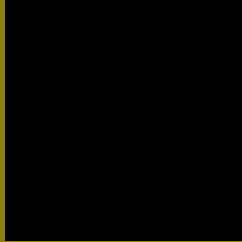
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7170, -51.1325, 20.4192

Background



This preview shows how black text looks on a background with the YUV color 117.7170, -51.1325, 20.4192.



This preview shows how white text looks on a background with the YUV color 117.7170, -51.1325, 20.4192.

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

117.7170, -51.1325, 20.4192

Protanopia

118.0160, -51.2799, 21.0340

Deuteranopia

119.4890, -48.5551, 33.7741



Tritanopia

127.2950, -0.6384, 18.1583

Trichromacy



Original Color

117.7170, -51.1325, 20.4192

Protanomaly

118.0160, -51.2799, 21.0340

Deuteranomaly

119.1140, -49.8492, 28.8410

Tritanomaly

123.4850, -18.9731, 18.8687

Monochromacy



Original Color

117.7170, -51.1325, 20.4192

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8210, -18.6458, 7.1730

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7170, -51.1325, 20.4192 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(141, 126, 14)` looks like.

```
.text, #text, p{  
    color:rgb(141, 126, 14)  
}
```

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(141, 126, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 126, 14) }
```

Border

The CSS property to change the border of an element to YUV 117.7170, -51.1325, 20.4192 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(141, 126, 14) }
```


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

```
.border{ border-color:rgb(141, 126, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 126, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 126, 14); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 126, 14); box-shadow:4px 4px 4px 4px rgb(141, 126, 14) }
```

Background

The CSS property to change the background color of an element to YUV 117.7170, -51.1325, 20.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 126, 14) }
```

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

```
.background{ background-color: rgb(141,  
126, 14) }
```

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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